



FOOTNOTES INDEX

for the

**Final Preliminary Assessment/Site Inspection Report
Additional and Uncharacterized Sites Operable Unit**

**Crab Orchard National Wildlife Refuge NPL Site
Marion, Illinois (Williamson County)**

The Draft-Final PA/SI Report issued in September 2001 became the Final PA/SI Report, without change, in June 2003. This Footnotes Index to the Final Report is identical to the Index for the Draft-Final Report.

June 2003

18271-1/1-A



00054220

Note for the reader:

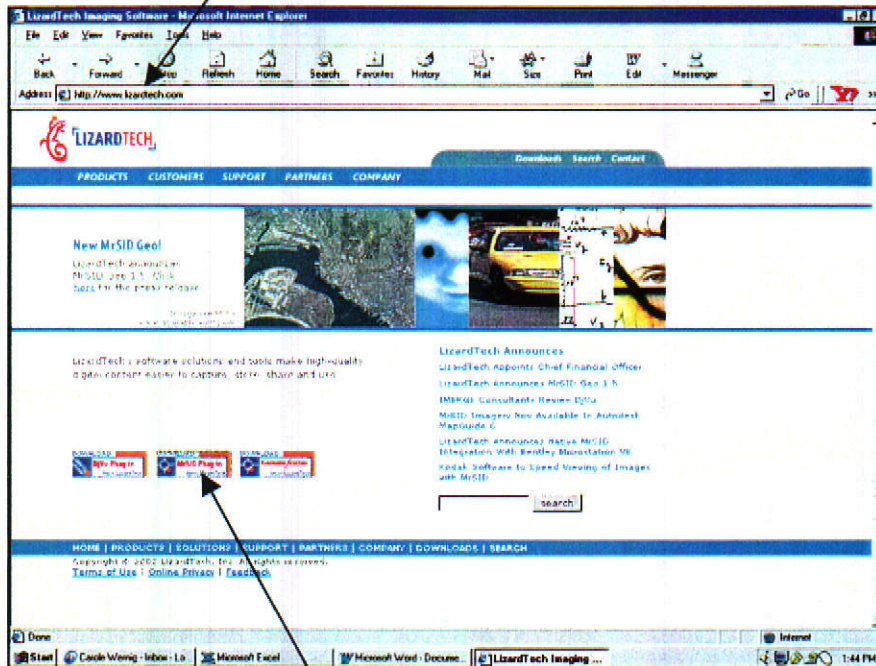
Entech submitted both pre-draft and draft versions of their Historical Aerial Photographic Analysis - Selected Area Facilities report. These documents were used and referenced in the draft and draft-final AUS OU - PA/SI, and are included as PDF files on the enclosed CDs. Since the issuance of the AUS OU PA-SI report, Entech submitted a 2001 final version of the Historical Aerial Photographic Analysis - Selected Area Facilities report. Because there are no substantive changes between Entech's final report and the previous draft versions, the final is also included in PDF format on CD #3 (*ENTECH2001*), and may be referred to as a single source for all references to the pre-draft and draft versions.

VIEWING AERIAL PHOTOGRAPHS¹ – CD #3, directory: AERIAL PHOTOGRAPHS

The aerial photographs located on CD #3 (in the directory called: AERIAL PHOTOGRAPHS) are **MrSID** files. They can be viewed via your internet browser. However, a plug-in may be required, and can be easily downloaded (Step A). Then, each year (e.g., 1943, 1951, etc.) can be viewed using the instructions in Step B.

STEP A – Downloading **MrSID** Plug-in

- 1.) Go to <http://www.lizardtech.com>

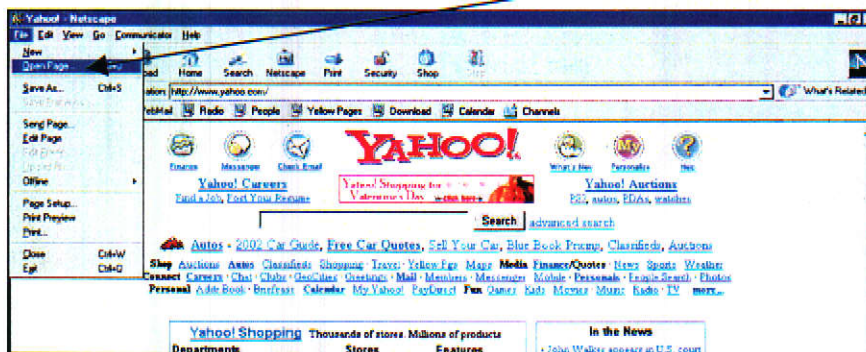


- 2.) Choose to download the **MrSID** Plug-in. Then simply follow the directions.



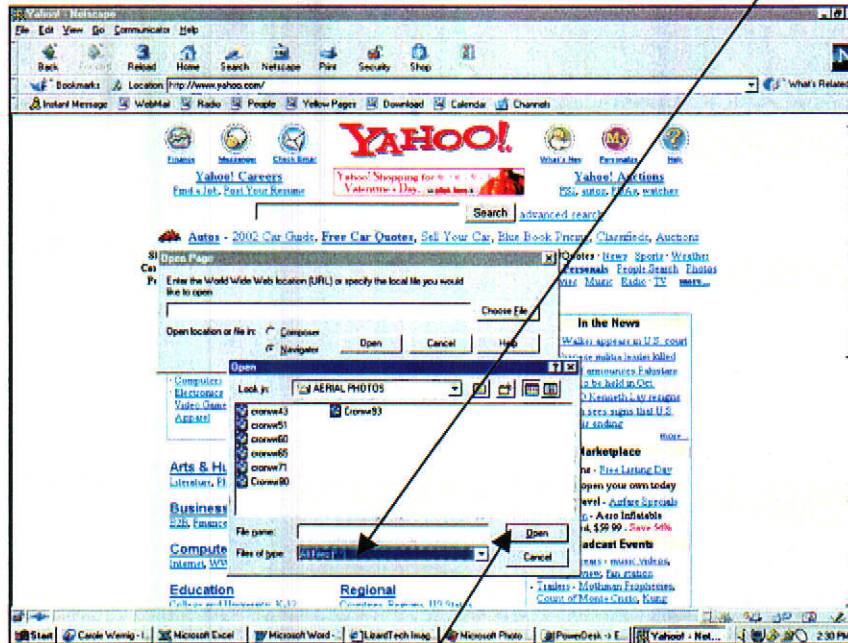
STEP B – Viewing Aerial Photographs

- 1.) In most typical internet browsers, the first step involves going to **File**, then **Open Page** (some browsers are simply **File**, then **Open**).

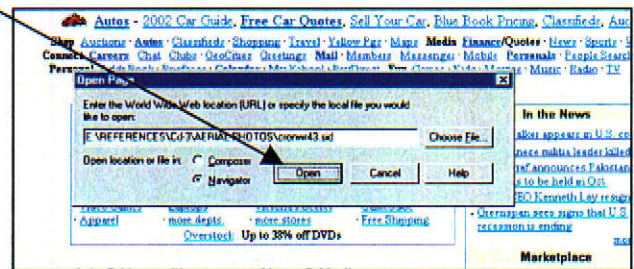


¹ 1943 and 1951 aerial photographs are from the National Archives and Records Administration, College Park, Maryland. The 1960, 1965, 1971, 1980, and 1993 aerial photographs are from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah. All seven photographs are the same ones used by Entech, Inc.

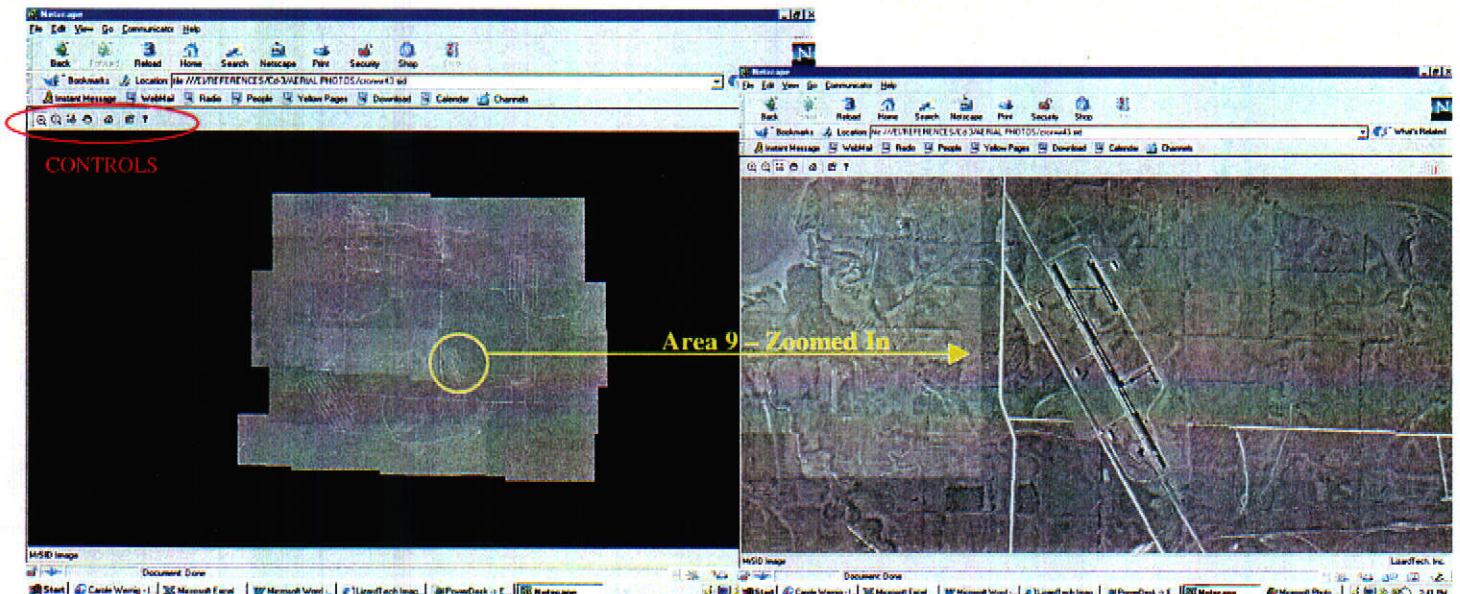
- 2.) The prompt asks you to locate (or browse) the file you want. In other words, locate and choose the file (i.e., year) you want to see. **IMPORTANT:** Remember, to change the File Type to All Files or you won't be able to see or choose the file.



- 3.) Once you've chosen a file (year), hit OPEN once, then OPEN again.



That's it! Now the image should be on your screen and you can use the controls to move in, out, and around.



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00005570	80,031	08/09/2000	12:52 PM	ra	Adobe Acrobat D
00005571	64,862	08/09/2000	12:52 PM	ra	Adobe Acrobat D
00005572	66,301	08/09/2000	12:52 PM	ra	Adobe Acrobat D
00005573	58,362	08/09/2000	12:52 PM	ra	Adobe Acrobat D
00005574	101,762	08/09/2000	12:53 PM	ra	Adobe Acrobat D
00005575	55,483	10/18/2000	7:34 AM	ra	Adobe Acrobat D
00005576	101,012	08/09/2000	12:53 PM	ra	Adobe Acrobat D
00005581	45,761	10/18/2000	7:38 AM	ra	Adobe Acrobat D
00005583	33,096	10/18/2000	7:40 AM	ra	Adobe Acrobat D
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00012186	30,913	10/10/2000	10:45 AM	ra	Adobe Acrobat D
00012189	54,203	10/10/2000	10:45 AM	ra	Adobe Acrobat D
00012234	59,612	10/18/2000	12:53 PM	ra	Adobe Acrobat D
00012252	215,572	10/18/2000	1:10 PM	ra	Adobe Acrobat D
00012277	59,384	10/18/2000	1:14 PM	ra	Adobe Acrobat D
00012281	45,827	10/18/2000	1:14 PM	ra	Adobe Acrobat D
00012283	70,417	10/18/2000	1:14 PM	ra	Adobe Acrobat D
00012285	145,874	10/18/2000	1:15 PM	ra	Adobe Acrobat D
00012287	23,261	10/18/2000	1:15 PM	ra	Adobe Acrobat D
00012306	67,454	10/19/2000	7:30 AM	ra	Adobe Acrobat D
00012326	29,177	10/19/2000	7:33 AM	ra	Adobe Acrobat D
00012333	31,427	10/19/2000	7:35 AM	ra	Adobe Acrobat D
00012336	55,558	10/19/2000	7:35 AM	ra	Adobe Acro')
00012338	157,532	10/19/2000	7:36 AM	ra	Adobe Acro')
00012349	938,368	10/19/2000	7:38 AM	ra	Adobe Acrobat D
00012360	49,758	10/18/2000	1:28 PM	ra	Adobe Acrobat D
00012470	40,632	10/20/2000	10:03 AM	ra	Adobe Acrobat D
00012493	104,571	10/20/2000	10:41 AM	ra	Adobe Acrobat D
00012495	60,612	10/20/2000	10:41 AM	ra	Adobe Acrobat D
00012501	27,585	10/20/2000	10:42 AM	ra	Adobe Acrobat D
00012504	58,955	10/20/2000	10:43 AM	ra	Adobe Acrobat D
00012600	36,931	10/20/2000	11:31 AM	ra	Adobe Acrobat D
00012606	52,093	10/20/2000	11:32 AM	ra	Adobe Acrobat D
00012663	31,534	10/20/2000	12:13 PM	ra	Adobe Acrobat D
00012791	42,581	08/07/2000	3:06 PM	ra	Adobe Acrobat D
00013026	56,530	10/23/2000	9:02 AM	ra	Adobe Acrobat D
00013061	92,800	10/23/2000	9:06 AM	ra	Adobe Acrobat D
00013091	17,190	10/23/2000	9:07 AM	ra	Adobe Acrobat D
00013094	59,822	10/23/2000	9:07 AM	ra	Adobe Acrobat D
00013436	101,165	10/23/2000	9:49 AM	ra	Adobe Acrobat D
00013477	92,562	10/23/2000	10:01 AM	ra	Adobe Acrobat D
00013484	28,135	10/23/2000	10:01 AM	ra	Adobe Acrobat D
00013537	83,819	08/09/2000	1:16 PM	ra	Adobe Acrobat D
00013788	174,964	10/23/2000	1:18 PM	ra	Adobe Acrobat D
00013793	33,819	10/23/2000	1:19 PM	ra	Adobe Acrobat D
00013836	71,234	10/23/2000	1:26 PM	ra	Adobe Acrobat D
00013839	35,261	10/23/2000	1:26 PM	ra	Adobe Acrobat D
00013840	78,572	10/23/2000	1:26 PM	ra	Adobe Acrobat D
00013851	218,302	10/23/2000	1:28 PM	ra	Adobe Acrobat D
00013854	160,882	10/23/2000	1:28 PM	ra	Adobe Acrobat D
00013855	325,563	10/23/2000	1:29 PM	ra	Adobe Acrobat D
00013857	240,701	10/23/2000	1:30 PM	ra	Adobe Acrobat D
00013860	41,832	10/23/2000	1:31 PM	ra	Adobe Acrobat D
00013861	129,658	10/23/2000	1:31 PM	ra	Adobe Acro')
00013882	43,271	10/23/2000	2:36 PM	ra	Adobe Acro')
00013893	76,557	10/23/2000	2:38 PM	ra	Adobe Acrobat D
00014080	34,607	10/24/2000	6:31 AM	ra	Adobe Acrobat D
00014133	256,872	10/24/2000	6:37 AM	ra	Adobe Acrobat D
00014140	154,602	10/24/2000	6:38 AM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
00014144	222,558	10/24/2000	6:39 AM	ra	Adobe Acrobat D
00014157	27,607	10/24/2000	6:41 AM	ra	Adobe Acrobat D
00014159	22,323	10/24/2000	6:41 AM	ra	Adobe Acrobat D
00014185	35,182	10/24/2000	6:46 AM	ra	Adobe Acrobat D
00014186	34,065	10/24/2000	6:46 AM	ra	Adobe Acrobat D
00014190	19,279	10/24/2000	6:46 AM	ra	Adobe Acrobat D
00014205	153,828	10/24/2000	7:08 AM	ra	Adobe Acrobat D
00014209	190,670	10/24/2000	7:09 AM	ra	Adobe Acrobat D
00014236	42,206	10/24/2000	7:13 AM	ra	Adobe Acrobat D
00014253	50,463	10/24/2000	7:21 AM	ra	Adobe Acrobat D
00014267	33,626	10/24/2000	8:03 AM	ra	Adobe Acrobat D
00014355	77,701	11/07/2000	12:38 PM	ra	Adobe Acrobat D
00014441	37,815	11/07/2000	1:45 PM	ra	Adobe Acrobat D
00014461	60,530	11/07/2000	1:48 PM	ra	Adobe Acrobat D
00014468	49,026	11/07/2000	1:49 PM	ra	Adobe Acrobat D
00014469	59,431	11/07/2000	1:49 PM	ra	Adobe Acrobat D
00014595	87,865	11/08/2000	2:32 PM	ra	Adobe Acrobat D
00014628	29,055	10/24/2000	10:46 AM	ra	Adobe Acrobat D
00014715	38,720	10/25/2000	8:15 AM	ra	Adobe Acrobat D
00014727	235,131	10/25/2000	10:10 AM	ra	Adobe Acrobat D
00014809	750,216	10/25/2000	11:45 AM	ra	Adobe Acrobat D
00014843	118,606	10/26/2000	6:34 AM	ra	Adobe Acrobat D
00014907	122,426	10/26/2000	12:51 PM	ra	Adobe Acrobat D
00015017	1,603,036	11/08/2000	1:45 PM	ra	Adobe Acrobat D
00015092	218,665	10/26/2000	3:03 PM	ra	Adobe Acrobat D
00015119	289,494	10/26/2000	3:11 PM	ra	Adobe Acrobat D
00015145	215,266	10/26/2000	3:18 PM	ra	Adobe Acrobat D
00015301	208,182	11/24/2000	5:32 PM	ra	Adobe Acrobat D
00015337	2,092,646	11/24/2000	6:02 PM	ra	Adobe Acrobat D
00015380	37,345	11/24/2000	6:52 PM	ra	Adobe Acrobat D
00015383	4,488,598	11/24/2000	7:00 PM	ra	Adobe Acrobat D
00015490	179,626	11/24/2000	8:04 PM	ra	Adobe Acrobat D
00015494	39,718	11/24/2000	8:18 PM	ra	Adobe Acrobat D
00015510	45,529	11/24/2000	8:19 PM	ra	Adobe Acrobat D
00015520	152,041	11/24/2000	8:23 PM	ra	Adobe Acrobat D
00015527	30,822	11/24/2000	8:24 PM	ra	Adobe Acrobat D
00015538	28,607	11/24/2000	8:25 PM	ra	Adobe Acrobat D
00015544	39,855	11/24/2000	8:33 PM	ra	Adobe Acrobat D
00015546	494,365	11/24/2000	8:34 PM	ra	Adobe Acrobat D
00015574	25,470	11/24/2000	8:42 PM	ra	Adobe Acrobat D
00015575	86,151	11/24/2000	8:42 PM	ra	Adobe Acrobat D
00015583	73,077	10/26/2000	9:27 AM	ra	Adobe Acrobat D
00015737	531,456	11/07/2000	11:54 AM	ra	Adobe Acrobat D
00015741	53,266	11/07/2000	11:55 AM	ra	Adobe Acrobat D
00015743	57,763	11/07/2000	11:57 AM	ra	Adobe Acrobat D
00015746	65,004	11/07/2000	11:58 AM	ra	Adobe Acrobat D
00015749	72,813	11/07/2000	12:00 PM	ra	Adobe Acrobat D
00016013	4,648,725	07/24/2000	7:40 AM	ra	Adobe Acrobat D
00016020	5,193,041	07/24/2000	8:03 AM	ra	Adobe Acrobat D
00016031	7,004,529	07/24/2000	8:06 AM	ra	Adobe Acrobat D
00016036	2,768,567	02/15/2000	4:17 PM	ra	Adobe Acrobat D
00016055	2,943,757	02/15/2000	4:38 PM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
00016071	3,966,405	02/15/2000	5:11 PM	ra	Adobe Acrobat D
00016084	6,533,026	07/24/2000	8:54 AM	ra	Adobe Acrobat D
00016102	377,984	11/27/2000	7:49 AM	ra	Adobe Acrobat D
00016177	968,203	11/27/2000	11:22 AM	ra	Adobe Acrobat D
00016190	166,696	11/27/2000	11:22 AM	ra	Adobe Acrobat D
00016397	242,069	11/24/2000	7:37 PM	ra	Adobe Acrobat D
00016596	22,231	11/24/2000	8:38 PM	ra	Adobe Acrobat D
00016642	150,706	11/24/2000	9:15 PM	ra	Adobe Acrobat D
00017195	92,166	10/02/2000	8:34 AM	ra	Adobe Acrobat D
00017201	970,144	10/02/2000	8:43 AM	ra	Adobe Acrobat D
00017531	139,312	10/06/2000	6:42 AM	ra	Adobe Acrobat D
00017554	203,802	10/06/2000	6:42 AM	ra	Adobe Acrobat D
00017560	265,632	10/06/2000	6:42 AM	ra	Adobe Acrobat D
00017570	27,650	10/06/2000	6:42 AM	ra	Adobe Acrobat D
00017580	450,455	10/06/2000	6:42 AM	ra	Adobe Acrobat D
00017584	54,491	10/06/2000	6:42 AM	ra	Adobe Acrobat D
00017594	22,425	10/06/2000	6:43 AM	ra	Adobe Acrobat D
00017640	116,204	10/06/2000	6:43 AM	ra	Adobe Acrobat D
00017649	51,399	10/06/2000	6:43 AM	ra	Adobe Acrobat D
00017658	87,483	10/06/2000	6:43 AM	ra	Adobe Acrobat D
00017680	57,593	10/06/2000	6:43 AM	ra	Adobe Acrobat D
00017686	90,318	10/06/2000	9:37 AM	ra	Adobe Acrobat D
00017723	45,124	10/06/2000	7:11 AM	ra	Adobe Acrobat D
00017740	1,077,015	10/06/2000	7:19 AM	ra	Adobe Acrobat D
00017745	66,415	10/06/2000	7:20 AM	ra	Adobe Acrobat D
00017763	7,081,338	10/06/2000	10:19 AM	ra	Adobe Acrobat D
00017847	1,542,720	10/06/2000	10:19 AM	ra	Adobe Acrobat D
00017856	105,564	10/06/2000	7:54 AM	ra	Adobe Acrobat D
00017860	404,389	10/06/2000	7:56 AM	ra	Adobe Acrobat D
00017873	81,038	10/06/2000	10:55 AM	ra	Adobe Acrobat D
00017892	227,724	10/06/2000	11:00 AM	ra	Adobe Acrobat D
00017896	384,124	10/06/2000	11:01 AM	ra	Adobe Acrobat D
00017899	70,748	10/06/2000	11:00 AM	ra	Adobe Acrobat D
00017924	492,362	10/06/2000	8:17 AM	ra	Adobe Acrobat D
00017941	297,581	10/06/2000	8:37 AM	ra	Adobe Acrobat D
00017949	40,498	10/06/2000	8:43 AM	ra	Adobe Acrobat D
00017966	38,338	10/06/2000	8:54 AM	ra	Adobe Acrobat D
00017984	105,497	10/06/2000	8:56 AM	ra	Adobe Acrobat D
00017990	960,010	10/06/2000	8:57 AM	ra	Adobe Acrobat D
00017998	42,103	10/06/2000	12:01 PM	ra	Adobe Acrobat D
00018012	219,073	10/06/2000	12:03 PM	ra	Adobe Acrobat D
00018018	214,581	10/06/2000	12:04 PM	ra	Adobe Acrobat D
00018027	218,313	10/06/2000	12:07 PM	ra	Adobe Acrobat D
00018032	217,589	10/06/2000	12:08 PM	ra	Adobe Acrobat D
00018034	218,216	10/06/2000	12:08 PM	ra	Adobe Acrobat D
00018036	276,059	10/06/2000	12:08 PM	ra	Adobe Acrobat D
00018038	215,300	10/06/2000	12:09 PM	ra	Adobe Acrobat D
00018040	192,689	10/06/2000	12:09 PM	ra	Adobe Acrobat D
00018042	192,619	10/06/2000	12:09 PM	ra	Adobe Acrobat D
00018045	278,393	10/06/2000	12:10 PM	ra	Adobe Acrobat D
00018058	7,094,020	10/10/2000	10:47 AM	ra	Adobe Acrobat D
00018235	302,374	10/03/2000	11:46 AM	ra	Adobe Acrobat D
00018242	55,838	10/03/2000	1:20 PM	ra	Adobe Acrobat D
00018243	1,226,228	10/03/2000	11:47 AM	ra	Adobe Acrobat D
00018247	75,502	10/03/2000	11:47 AM	ra	Adobe Acrobat D
00018249	76,270	10/03/2000	11:48 AM	ra	Adobe Acrobat D
00018250	48,953	10/03/2000	1:23 PM	ra	Adobe Acrobat D
00018251	57,230	10/03/2000	11:48 AM	ra	Adobe Acrobat D
00018254	55,692	10/03/2000	11:58 AM	ra	Adobe Acrobat D
00018338	1,020,545	10/03/2000	1:27 PM	ra	Adobe Acrobat D
00018402	251,570	10/03/2000	1:40 PM	ra	Adobe Acrobat D
00018418	374,537	10/03/2000	1:59 PM	ra	Adobe Acrobat D
00018468	662,027	10/03/2000	2:58 PM	ra	Adobe Acrobat D
00018473	321,227	10/03/2000	3:00 PM	ra	Adobe Acrobat D
00018477	437,328	10/03/2000	3:03 PM	ra	Adobe Acrobat D
00018478	385,027	10/03/2000	3:05 PM	ra	Adobe Acrobat D
00018527	131,499	10/03/2000	11:41 AM	ra	Adobe Acrobat D
00018564	181,804	10/03/2000	11:52 AM	ra	Adobe Acrobat D
00018565	127,902	10/03/2000	11:53 AM	ra	Adobe Acrobat D
00018605	103,367	10/03/2000	1:29 PM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
00018620	202,027	10/03/2000	1:31 PM	ra	Adobe Acrobat D
00018644	1,194,187	10/10/2000	1:34 PM	ra	Adobe Acrobat D
00018707	121,816	10/03/2000	2:28 PM	ra	Adobe Acrobat D
00018716	828,130	10/16/2000	9:46 AM	ra	Adobe Acrc
00018720	75,587	10/06/2000	6:11 AM	ra	Adobe Acro
00018724	57,456	10/06/2000	6:11 AM	ra	Adobe Acrobat D
00018730	101,587	10/06/2000	6:11 AM	ra	Adobe Acrobat D
00018751	1,614,290	10/16/2000	12:51 PM	ra	Adobe Acrobat D
00018756	241,775	10/16/2000	12:55 PM	ra	Adobe Acrobat D
00018767	1,655,918	10/18/2000	11:10 AM	ra	Adobe Acrobat D
00018768	280,242	10/16/2000	12:56 PM	ra	Adobe Acrobat D
00018769	351,205	10/16/2000	12:56 PM	ra	Adobe Acrobat D
00018779	26,449	10/16/2000	12:56 PM	ra	Adobe Acrobat D
00018798	603,406	10/13/2000	1:24 PM	ra	Adobe Acrobat D
00018800	100,794	10/13/2000	1:24 PM	ra	Adobe Acrobat D
00018802	26,561	10/13/2000	1:24 PM	ra	Adobe Acrobat D
00018804	625,047	10/13/2000	1:26 PM	ra	Adobe Acrobat D
00018811	535,467	10/13/2000	1:27 PM	ra	Adobe Acrobat D
00018815	33,172	10/13/2000	1:27 PM	ra	Adobe Acrobat D
00018817	32,997	10/13/2000	1:27 PM	ra	Adobe Acrobat D
00018819	27,382	10/13/2000	1:27 PM	ra	Adobe Acrobat D
00018822	1,037,576	10/13/2000	1:28 PM	ra	Adobe Acrobat D
00018824	39,369	10/13/2000	1:29 PM	ra	Adobe Acrobat D
00018826	1,045,361	10/13/2000	1:30 PM	ra	Adobe Acrobat D
00018833	40,904	10/13/2000	1:47 PM	ra	Adobe Acrobat D
00018834	32,680	10/12/2000	10:33 AM	ra	Adobe Acrobat D
00018837	1,329,892	10/23/2000	9:43 AM	ra	Adobe Acrobat D
00018839	25,662	10/13/2000	1:48 PM	ra	Adobe Acrobat D
00018844	85,995	10/13/2000	1:49 PM	ra	Adobe Acrobat D
00018850	31,611	10/13/2000	1:50 PM	ra	Adobe Acrobat D
00018871	292,643	10/23/2000	9:48 AM	ra	Adobe Acrobat D
00018874	502,298	10/23/2000	9:50 AM	ra	Adobe Acrobat D
00018880	236,739	10/23/2000	9:52 AM	ra	Adobe Acrobat D
00018881	227,148	10/23/2000	9:48 AM	ra	Adobe Acrobat D
00018887	149,469	10/03/2000	11:08 AM	ra	Adobe Acro
00018928	279,964	10/13/2000	1:35 PM	ra	Adobe Acro
00018947	53,884	10/03/2000	11:28 AM	ra	Adobe Acrobat D
00018985	14,629	10/13/2000	1:31 PM	ra	Adobe Acrobat D
00018990	20,233	10/13/2000	1:31 PM	ra	Adobe Acrobat D
00018991	17,767	10/13/2000	1:33 PM	ra	Adobe Acrobat D
00018992	54,452	10/13/2000	1:34 PM	ra	Adobe Acrobat D
00018997	15,688	10/13/2000	1:34 PM	ra	Adobe Acrobat D
00018998	32,135	10/03/2000	11:30 AM	ra	Adobe Acrobat D
00018999	14,594	10/13/2000	1:34 PM	ra	Adobe Acrobat D
00019000	14,445	10/13/2000	1:34 PM	ra	Adobe Acrobat D
00019001	15,846	10/13/2000	1:34 PM	ra	Adobe Acrobat D
00019002	93,222	10/03/2000	11:30 AM	ra	Adobe Acrobat D
00019003	16,249	10/13/2000	1:34 PM	ra	Adobe Acrobat D
00019007	50,660	10/03/2000	11:31 AM	ra	Adobe Acrobat D
00019046	184,816	10/03/2000	7:45 AM	ra	Adobe Acrobat D
00019083	40,555	10/03/2000	7:45 AM	ra	Adobe Acrobat D
00019086	188,553	10/03/2000	7:45 AM	ra	Adobe Acrobat D
00019124	207,669	10/13/2000	3:05 PM	ra	Adobe Acrobat D
00019157	109,916	10/13/2000	3:46 PM	ra	Adobe Acrobat D
00019159	278,395	10/13/2000	3:47 PM	ra	Adobe Acrobat D
00019176	2,170,026	10/16/2000	6:24 AM	ra	Adobe Acrobat D
00019358	45,718	08/14/2000	1:08 PM	ra	Adobe Acrobat D
00019362	105,274	10/16/2000	12:09 PM	ra	Adobe Acrobat D
00019365	350,216	10/16/2000	12:09 PM	ra	Adobe Acrobat D
00019368	467,494	10/16/2000	12:10 PM	ra	Adobe Acrobat D
00019712	44,445	10/16/2000	12:33 PM	ra	Adobe Acrobat D
00019768	475,721	10/16/2000	2:28 PM	ra	Adobe Acrobat D
00019836	27,600	10/04/2000	6:28 AM	ra	Adobe Acrobat D
00019842	77,093	10/04/2000	6:28 AM	ra	Adobe Acrobat D
00019920	132,342	10/04/2000	6:28 AM	ra	Adobe Acrobat D
00019928	205,763	10/04/2000	6:28 AM	ra	Adobe Acrobat D
00019929	69,786	10/04/2000	6:28 AM	ra	Adobe Acrobat D
00019979	127,803	10/04/2000	6:31 AM	ra	Adobe Acrobat D
00020007	99,499	10/04/2000	6:29 AM	ra	Adobe Acrobat D
00020025	778,963	10/04/2000	6:29 AM	ra	Adobe Acrobat D
00020032	50,057	10/06/2000	12:00 PM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
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00020115	491,245	10/13/2000	8:06 AM	ra	Adobe Acrobat D
00020239	168,431	10/12/2000	2:13 PM	ra	Adobe Acrobat D
00020255	113,512	10/12/2000	2:14 PM	ra	Adobe Acrobat D
00020257	61,312	10/12/2000	2:14 PM	ra	Adobe Acrobat D
00020365	137,038	10/13/2000	6:18 AM	ra	Adobe Acrobat D
00020382	215,151	10/13/2000	6:18 AM	ra	Adobe Acrobat D
00020423	179,159	10/13/2000	1:17 PM	ra	Adobe Acrobat D
00020443	30,630	10/13/2000	1:18 PM	ra	Adobe Acrobat D
00020447	155,111	10/13/2000	1:18 PM	ra	Adobe Acrobat D
00020463	116,065	10/13/2000	8:44 AM	ra	Adobe Acrobat D
00020471	923,165	10/13/2000	8:45 AM	ra	Adobe Acrobat D
00020481	60,127	10/13/2000	8:45 AM	ra	Adobe Acrobat D
00020498	26,228	10/13/2000	8:45 AM	ra	Adobe Acrobat D
00020503	27,297	10/13/2000	8:45 AM	ra	Adobe Acrobat D
00020663	29,647	10/16/2000	2:40 PM	ra	Adobe Acrobat D
00020842	117,252	10/05/2000	6:58 AM	ra	Adobe Acrobat D
00021278	317,037	10/11/2000	2:09 PM	ra	Adobe Acrobat D
00021375	1,458,639	10/24/2000	9:29 AM	ra	Adobe Acrobat D
00021398	41,366	10/12/2000	10:42 AM	ra	Adobe Acrobat D
00021429	1,079,506	10/24/2000	9:32 AM	ra	Adobe Acrobat D
00021486	46,212	10/16/2000	3:05 PM	ra	Adobe Acrobat D
00021488	205,833	10/16/2000	3:05 PM	ra	Adobe Acrobat D
00021489	45,246	10/16/2000	3:05 PM	ra	Adobe Acrobat D
00021490	194,404	10/16/2000	3:06 PM	ra	Adobe Acrobat D
00021491	617,689	10/16/2000	3:07 PM	ra	Adobe Acrobat D
00021492	647,536	10/16/2000	3:09 PM	ra	Adobe Acrobat D
00021494	362,712	10/16/2000	3:09 PM	ra	Adobe Acrobat D
00021564	324,237	10/24/2000	9:39 AM	ra	Adobe Acrobat D
00021583	177,415	10/16/2000	3:11 PM	ra	Adobe Acrobat D
00021587	71,591	10/16/2000	3:11 PM	ra	Adobe Acrobat D
00021594	571,953	10/16/2000	3:13 PM	ra	Adobe Acrobat D
00021610	132,114	10/24/2000	9:43 AM	ra	Adobe Acrobat D
00021620	379,238	10/16/2000	3:20 PM	ra	Adobe Acrobat D
00021647	149,304	10/16/2000	3:31 PM	ra	Adobe Acrobat D
00021724	619,349	10/16/2000	3:53 PM	ra	Adobe Acrobat D
00021735	156,207	10/16/2000	3:54 PM	ra	Adobe Acrobat D
00021808	179,166	10/24/2000	9:57 AM	ra	Adobe Acrobat D
00021836	252,249	10/12/2000	10:29 AM	ra	Adobe Acrobat D
00021852	175,547	10/12/2000	10:30 AM	ra	Adobe Acrobat D
00021854	140,814	10/12/2000	10:30 AM	ra	Adobe Acrobat D
00022331	92,688	10/11/2000	12:55 PM	ra	Adobe Acrobat D
00022334	190,573	10/11/2000	12:56 PM	ra	Adobe Acrobat D
00022336	56,447	10/11/2000	12:56 PM	ra	Adobe Acrobat D
00022352	1,684,319	10/11/2000	1:27 PM	ra	Adobe Acrobat D
00022402	210,376,214	12/14/2000	11:00 AM	ra	Adobe Acrobat D
00022503	152,157	10/17/2000	10:18 AM	ra	Adobe Acrobat D
00022521	278,658	10/24/2000	11:42 AM	ra	Adobe Acrobat D
00022545	214,786	10/10/2000	1:34 PM	ra	Adobe Acrobat D
00022570	1,026,559	10/10/2000	2:15 PM	ra	Adobe Acrobat D
00022577	153,507	10/20/2000	2:39 PM	ra	Adobe Acrobat D
00022621	25,151,392	10/10/2000	4:08 PM	ra	Adobe Acrobat D
00022745	293,513	10/12/2000	12:17 PM	ra	Adobe Acrobat D
00022752	66,988	10/24/2000	12:55 PM	ra	Adobe Acrobat D
00022792	408,137	10/12/2000	12:29 PM	ra	Adobe Acrobat D
00022807	60,925	10/12/2000	12:31 PM	ra	Adobe Acrobat D
00022835	1,654,214	10/12/2000	1:24 PM	ra	Adobe Acrobat D
00022836	1,182,361	10/12/2000	1:24 PM	ra	Adobe Acrobat D
00022837	1,987,813	10/12/2000	1:25 PM	ra	Adobe Acrobat D
00022838	2,204,188	10/12/2000	1:28 PM	ra	Adobe Acrobat D
00022854	609,563	10/12/2000	1:41 PM	ra	Adobe Acrobat D
00022860	41,197	10/12/2000	1:41 PM	ra	Adobe Acrobat D
00022880	598,087	10/12/2000	1:15 PM	ra	Adobe Acrobat D
00022883	37,693	10/12/2000	1:41 PM	ra	Adobe Acrobat D
00022911	2,264,152	10/13/2000	8:09 AM	ra	Adobe Acrobat D
00022912	633,208	10/13/2000	8:11 AM	ra	Adobe Acrobat D
00022913	214,274	10/13/2000	8:12 AM	ra	Adobe Acrobat D
00022914	372,421	10/13/2000	8:13 AM	ra	Adobe Acrobat D
00022920	652,586	10/13/2000	8:17 AM	ra	Adobe Acrobat D
00022923	1,153,224	10/13/2000	8:22 AM	ra	Adobe Acrobat D
00022929	42,146	10/13/2000	8:22 AM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
00022939	33,362	10/12/2000	1:54 PM	ra	Adobe Acrobat D
00022947	227,182	10/12/2000	1:56 PM	ra	Adobe Acrobat D
00022977	630,604	10/12/2000	2:02 PM	ra	Adobe Acrobat D
00023009	924,180	10/13/2000	11:24 AM	ra	Adobe Acro')
00023020	1,571,640	10/13/2000	11:28 AM	ra	Adobe Acro.
00023027	2,582,838	10/13/2000	11:35 AM	ra	Adobe Acrobat D
00023030	6,360,597	10/13/2000	11:58 AM	ra	Adobe Acrobat D
00023043	6,681,175	10/13/2000	12:20 PM	ra	Adobe Acrobat D
00023046	3,312,539	10/13/2000	12:37 PM	ra	Adobe Acrobat D
00023047	1,911,223	10/13/2000	12:42 PM	ra	Adobe Acrobat D
00023052	1,354,845	10/13/2000	12:58 PM	ra	Adobe Acrobat D
00023055	2,017,590	10/13/2000	1:05 PM	ra	Adobe Acrobat D
00023275	65,562	10/25/2000	7:32 AM	ra	Adobe Acrobat D
00024439	48,776	10/18/2000	8:55 AM	ra	Adobe Acrobat D
00024547	253,515	10/18/2000	9:09 AM	ra	Adobe Acrobat D
00024577	27,072	10/18/2000	9:21 AM	ra	Adobe Acrobat D
00024688	63,887	10/18/2000	10:29 AM	ra	Adobe Acrobat D
00024765	821,523	10/18/2000	10:38 AM	ra	Adobe Acrobat D
00024771	427,138	10/18/2000	11:14 AM	ra	Adobe Acrobat D
00024775	246,054	10/18/2000	11:16 AM	ra	Adobe Acrobat D
00024777	572,474	10/18/2000	11:19 AM	ra	Adobe Acrobat D
00024778	404,465	10/18/2000	11:21 AM	ra	Adobe Acrobat D
00024784	371,948	10/18/2000	11:26 AM	ra	Adobe Acrobat D
00024786	373,708	10/18/2000	11:29 AM	ra	Adobe Acrobat D
00024787	392,107	10/18/2000	11:31 AM	ra	Adobe Acrobat D
00024790	450,670	10/18/2000	11:33 AM	ra	Adobe Acrobat D
00024796	920,974	10/18/2000	11:41 AM	ra	Adobe Acrobat D
00024800	625,049	10/18/2000	11:44 AM	ra	Adobe Acrobat D
00024802	393,254	10/18/2000	11:47 AM	ra	Adobe Acrobat D
00024804	3,725,771	10/18/2000	12:06 PM	ra	Adobe Acrobat D
00024805	1,089,879	10/18/2000	12:11 PM	ra	Adobe Acrobat D
00024825	903,450	10/17/2000	9:53 AM	ra	Adobe Acrobat D
00024834	1,624,976	10/17/2000	9:57 AM	ra	Adobe Acrobat D
00024843	267,488	10/17/2000	10:00 AM	ra	Adobe Acrobat D
00024847	70,528	10/17/2000	10:02 AM	ra	Adobe Acro')
00024853	129,236	10/17/2000	10:03 AM	ra	Adobe Acro.)
00024856	3,437,472	10/17/2000	10:15 AM	ra	Adobe Acrobat D
00024861	148,818	10/17/2000	10:16 AM	ra	Adobe Acrobat D
00024910	698,242	10/17/2000	10:47 AM	ra	Adobe Acrobat D
00024938	153,084	10/17/2000	10:52 AM	ra	Adobe Acrobat D
00024939	31,697	10/17/2000	10:52 AM	ra	Adobe Acrobat D
00024940	32,211	10/17/2000	10:52 AM	ra	Adobe Acrobat D
00024941	32,271	10/17/2000	10:52 AM	ra	Adobe Acrobat D
00024942	173,335	10/17/2000	10:52 AM	ra	Adobe Acrobat D
00024943	134,102	10/17/2000	10:53 AM	ra	Adobe Acrobat D
00024945	33,443	10/17/2000	10:53 AM	ra	Adobe Acrobat D
00024948	22,626	10/17/2000	10:53 AM	ra	Adobe Acrobat D
00024951	65,402	10/17/2000	10:54 AM	ra	Adobe Acrobat D
00024952	92,764	10/17/2000	10:55 AM	ra	Adobe Acrobat D
00024953	130,841	10/17/2000	10:55 AM	ra	Adobe Acrobat D
00024955	94,333	10/17/2000	10:55 AM	ra	Adobe Acrobat D
00024965	198,632	10/17/2000	10:57 AM	ra	Adobe Acrobat D
00024967	208,227	10/17/2000	10:58 AM	ra	Adobe Acrobat D
00024969	112,261	10/17/2000	10:58 AM	ra	Adobe Acrobat D
00024972	199,058	10/17/2000	10:59 AM	ra	Adobe Acrobat D
00024974	29,673	10/17/2000	10:59 AM	ra	Adobe Acrobat D
00024978	171,623	10/17/2000	11:00 AM	ra	Adobe Acrobat D
00024981	214,250	10/17/2000	11:00 AM	ra	Adobe Acrobat D
00024983	155,040	10/17/2000	11:01 AM	ra	Adobe Acrobat D
00024988	172,148	10/17/2000	11:02 AM	ra	Adobe Acrobat D
00024989	37,348	10/17/2000	11:02 AM	ra	Adobe Acrobat D
00024990	175,132	10/17/2000	11:02 AM	ra	Adobe Acrobat D
00024991	20,753	10/17/2000	11:02 AM	ra	Adobe Acrobat D
00024995	124,965	10/17/2000	11:03 AM	ra	Adobe Acrobat D
00024997	124,109	10/17/2000	11:04 AM	ra	Adobe Acrobat D
00025003	27,809	10/17/2000	11:06 AM	ra	Adobe Acro')
00025012	94,470	10/17/2000	11:10 AM	ra	Adobe Acro')
00025013	493,975	10/17/2000	11:12 AM	ra	Adobe Acrobat D
00025015	119,539	10/17/2000	11:13 AM	ra	Adobe Acrobat D
00025019	33,322	10/17/2000	11:13 AM	ra	Adobe Acrobat D
00025020	66,808	10/17/2000	11:14 AM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
00025021	168,878	10/17/2000	11:15 AM	ra	Adobe Acrobat D
00025026	66,366	10/17/2000	11:16 AM	ra	Adobe Acrobat D
00025027	575,511	10/17/2000	11:17 AM	ra	Adobe Acrobat D
00025029	114,839	10/17/2000	11:18 AM	ra	Adobe Acrobat D
00025038	63,010	10/17/2000	11:23 AM	ra	Adobe Acrobat D
00025048	746,139	10/17/2000	11:27 AM	ra	Adobe Acrobat D
00025052	183,823	10/06/2000	12:59 PM	ra	Adobe Acrobat D
00025054	56,733	10/17/2000	11:32 AM	ra	Adobe Acrobat D
00025055	52,140	10/17/2000	11:33 AM	ra	Adobe Acrobat D
00025056	599,166	10/17/2000	11:35 AM	ra	Adobe Acrobat D
00025057	722,311	10/17/2000	11:36 AM	ra	Adobe Acrobat D
00025058	19,776	10/17/2000	11:36 AM	ra	Adobe Acrobat D
00025061	110,312	10/17/2000	11:36 AM	ra	Adobe Acrobat D
00025065	39,346	10/17/2000	11:37 AM	ra	Adobe Acrobat D
00025093	264,912	10/18/2000	9:28 AM	ra	Adobe Acrobat D
00025114	26,023	10/17/2000	11:41 AM	ra	Adobe Acrobat D
00025116	37,966	10/17/2000	11:27 AM	ra	Adobe Acrobat D
00025117	155,216	10/17/2000	11:41 AM	ra	Adobe Acrobat D
00025118	37,375	10/17/2000	11:27 AM	ra	Adobe Acrobat D
00025121	39,371	10/17/2000	11:27 AM	ra	Adobe Acrobat D
00025122	45,220	10/17/2000	11:27 AM	ra	Adobe Acrobat D
00025126	335,560	10/17/2000	11:43 AM	ra	Adobe Acrobat D
00025128	26,798	10/17/2000	11:27 AM	ra	Adobe Acrobat D
00025133	208,172	10/17/2000	11:44 AM	ra	Adobe Acrobat D
00025144	140,579	10/17/2000	11:46 AM	ra	Adobe Acrobat D
00025146	119,015	10/17/2000	11:47 AM	ra	Adobe Acrobat D
00025147	24,655	10/17/2000	11:47 AM	ra	Adobe Acrobat D
00025148	96,805	10/17/2000	11:47 AM	ra	Adobe Acrobat D
00025149	29,180	10/17/2000	11:47 AM	ra	Adobe Acrobat D
00025163	53,995	10/17/2000	11:52 AM	ra	Adobe Acrobat D
00025169	32,358	10/17/2000	11:53 AM	ra	Adobe Acrobat D
00025179	635,979	10/17/2000	11:55 AM	ra	Adobe Acrobat D
00025180	19,193	10/17/2000	11:55 AM	ra	Adobe Acrobat D
00025181	695,931	10/17/2000	11:56 AM	ra	Adobe Acrobat D
00025182	44,127	10/17/2000	11:56 AM	ra	Adobe Acrobat D
00025183	20,993	10/17/2000	11:56 AM	ra	Adobe Acrobat D
00025185	139,085	10/17/2000	11:57 AM	ra	Adobe Acrobat D
00025189	110,442	10/17/2000	11:58 AM	ra	Adobe Acrobat D
00025191	105,888	10/17/2000	11:58 AM	ra	Adobe Acrobat D
00025194	25,147	10/17/2000	11:58 AM	ra	Adobe Acrobat D
00025214	207,259	10/17/2000	11:59 AM	ra	Adobe Acrobat D
00025219	122,277	10/17/2000	12:00 PM	ra	Adobe Acrobat D
00025229	119,093	10/17/2000	12:01 PM	ra	Adobe Acrobat D
00025230	23,013	10/17/2000	12:01 PM	ra	Adobe Acrobat D
00025231	72,277	10/17/2000	12:01 PM	ra	Adobe Acrobat D
00025232	21,905	10/17/2000	12:01 PM	ra	Adobe Acrobat D
00025233	66,212	10/17/2000	12:01 PM	ra	Adobe Acrobat D
00025236	112,065	10/17/2000	12:02 PM	ra	Adobe Acrobat D
00025238	364,201	10/17/2000	12:03 PM	ra	Adobe Acrobat D
00025239	76,867	10/17/2000	12:03 PM	ra	Adobe Acrobat D
00025241	70,291	10/17/2000	12:03 PM	ra	Adobe Acrobat D
00025242	73,164	10/17/2000	12:04 PM	ra	Adobe Acrobat D
00025243	72,442	10/17/2000	12:04 PM	ra	Adobe Acrobat D
00025244	32,907	10/17/2000	12:04 PM	ra	Adobe Acrobat D
00025245	74,714	10/17/2000	12:04 PM	ra	Adobe Acrobat D
00025246	80,068	10/17/2000	12:05 PM	ra	Adobe Acrobat D
00025248	70,778	10/17/2000	12:06 PM	ra	Adobe Acrobat D
00025254	129,709	10/17/2000	12:06 PM	ra	Adobe Acrobat D
00025264	69,543	10/17/2000	12:07 PM	ra	Adobe Acrobat D
00025269	67,908	10/17/2000	12:07 PM	ra	Adobe Acrobat D
00025271	38,797	10/17/2000	12:07 PM	ra	Adobe Acrobat D
00025273	20,924	10/17/2000	12:07 PM	ra	Adobe Acrobat D
00025293	81,491	10/17/2000	12:10 PM	ra	Adobe Acrobat D
00025295	66,644	10/17/2000	12:11 PM	ra	Adobe Acrobat D
00025296	66,146	10/17/2000	12:11 PM	ra	Adobe Acrobat D
00025298	60,666	10/17/2000	12:11 PM	ra	Adobe Acrobat D
00025308	67,586	10/17/2000	12:13 PM	ra	Adobe Acrobat D
00025313	61,046	10/17/2000	12:13 PM	ra	Adobe Acrobat D
00025314	32,394	10/17/2000	12:15 PM	ra	Adobe Acrobat D
00025315	59,896	10/17/2000	12:15 PM	ra	Adobe Acrobat D
00025317	60,900	10/17/2000	12:16 PM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
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00025351	89,236	10/17/2000	12:28 PM	ra	Adobe Acrobat D
00025352	50,940	10/17/2000	12:28 PM	ra	Adobe Acrobat D
00025354	67,041	10/17/2000	12:28 PM	ra	Adobe Acro'
00025355	55,702	10/17/2000	12:28 PM	ra	Adobe AcroL
00025360	42,508	10/17/2000	12:30 PM	ra	Adobe Acrobat D
00025362	45,177	10/17/2000	12:30 PM	ra	Adobe Acrobat D
00025365	64,679	10/17/2000	12:30 PM	ra	Adobe Acrobat D
00025375	64,263	10/17/2000	12:33 PM	ra	Adobe Acrobat D
00025376	35,995	10/17/2000	12:33 PM	ra	Adobe Acrobat D
00025379	111,048	10/17/2000	12:34 PM	ra	Adobe Acrobat D
00025384	64,534	10/17/2000	3:47 PM	ra	Adobe Acrobat D
00025386	62,502	10/17/2000	3:48 PM	ra	Adobe Acrobat D
00025387	19,675	10/17/2000	3:47 PM	ra	Adobe Acrobat D
00025388	209,745	10/17/2000	3:48 PM	ra	Adobe Acrobat D
00025389	61,923	10/17/2000	3:48 PM	ra	Adobe Acrobat D
00025390	62,197	10/17/2000	3:48 PM	ra	Adobe Acrobat D
00025392	71,760	10/17/2000	3:49 PM	ra	Adobe Acrobat D
00025393	63,321	10/17/2000	3:50 PM	ra	Adobe Acrobat D
00025396	18,788	10/17/2000	3:50 PM	ra	Adobe Acrobat D
00025399	63,555	10/17/2000	3:52 PM	ra	Adobe Acrobat D
00025401	60,510	10/17/2000	3:52 PM	ra	Adobe Acrobat D
00025403	65,688	10/17/2000	3:54 PM	ra	Adobe Acrobat D
00025406	61,062	10/17/2000	3:58 PM	ra	Adobe Acrobat D
00025408	66,869	10/17/2000	4:01 PM	ra	Adobe Acrobat D
00025411	375,715	10/17/2000	4:07 PM	ra	Adobe Acrobat D
00025412	66,228	10/17/2000	4:07 PM	ra	Adobe Acrobat D
00025413	389,823	10/17/2000	4:10 PM	ra	Adobe Acrobat D
00025414	368,689	10/17/2000	4:13 PM	ra	Adobe Acrobat D
00025415	71,625	10/17/2000	4:13 PM	ra	Adobe Acrobat D
00025416	383,614	10/17/2000	4:15 PM	ra	Adobe Acrobat D
00025417	431,793	10/17/2000	4:17 PM	ra	Adobe Acrobat D
00025419	371,466	10/17/2000	4:20 PM	ra	Adobe Acrobat D
00025420	400,233	10/17/2000	4:22 PM	ra	Adobe Acrobat D
00025421	231,246	10/17/2000	4:23 PM	ra	Adobe Acrot
00025422	65,183	10/17/2000	4:23 PM	ra	Adobe Acroba
00025423	281,786	10/17/2000	4:24 PM	ra	Adobe Acrobat D
00025424	323,387	10/17/2000	4:26 PM	ra	Adobe Acrobat D
00025425	61,416	10/17/2000	4:26 PM	ra	Adobe Acrobat D
00025428	64,740	10/17/2000	4:27 PM	ra	Adobe Acrobat D
00025429	109,142	10/17/2000	4:27 PM	ra	Adobe Acrobat D
00025432	63,644	10/17/2000	4:28 PM	ra	Adobe Acrobat D
00025434	104,738	10/17/2000	4:28 PM	ra	Adobe Acrobat D
00025436	66,086	10/17/2000	4:29 PM	ra	Adobe Acrobat D
00025437	257,162	10/17/2000	4:29 PM	ra	Adobe Acrobat D
00025438	61,570	10/17/2000	4:29 PM	ra	Adobe Acrobat D
00025440	164,181	10/17/2000	4:30 PM	ra	Adobe Acrobat D
00025441	85,055	10/17/2000	4:30 PM	ra	Adobe Acrobat D
00025442	60,512	10/17/2000	4:31 PM	ra	Adobe Acrobat D
00025443	126,784	10/17/2000	4:31 PM	ra	Adobe Acrobat D
00025444	37,873	10/17/2000	4:31 PM	ra	Adobe Acrobat D
00025445	61,135	10/17/2000	4:31 PM	ra	Adobe Acrobat D
00025448	67,000	10/17/2000	4:32 PM	ra	Adobe Acrobat D
00025449	169,564	10/17/2000	4:32 PM	ra	Adobe Acrobat D
00025450	64,740	10/17/2000	4:33 PM	ra	Adobe Acrobat D
00025451	46,509	10/17/2000	4:33 PM	ra	Adobe Acrobat D
00025457	372,293	10/17/2000	4:36 PM	ra	Adobe Acrobat D
00025464	337,600	10/17/2000	4:40 PM	ra	Adobe Acrobat D
00025466	249,438	10/17/2000	4:42 PM	ra	Adobe Acrobat D
00025481	75,602	10/17/2000	4:49 PM	ra	Adobe Acrobat D
00025484	182,044	10/17/2000	4:52 PM	ra	Adobe Acrobat D
00025489	63,773	10/18/2000	7:00 AM	ra	Adobe Acrobat D
00025490	61,147	10/18/2000	7:00 AM	ra	Adobe Acrobat D
00025491	61,549	10/18/2000	7:00 AM	ra	Adobe Acrobat D
00025508	68,650	10/18/2000	7:04 AM	ra	Adobe Acrobat D
00025509	48,716	10/18/2000	7:04 AM	ra	Adobe Acrot
00025510	77,718	10/18/2000	7:04 AM	ra	Adobe Acrobat D
00025511	59,965	10/18/2000	7:04 AM	ra	Adobe Acrobat D
00025512	60,370	10/18/2000	7:04 AM	ra	Adobe Acrobat D
00025513	63,405	10/18/2000	7:05 AM	ra	Adobe Acrobat D
00025514	67,159	10/18/2000	7:05 AM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
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00025516	61,113	10/18/2000	7:05 AM	ra	Adobe Acrobat D
00025517	68,092	10/18/2000	7:05 AM	ra	Adobe Acrobat D
00025518	63,262	10/18/2000	7:06 AM	ra	Adobe Acrobat D
00025519	65,128	10/18/2000	7:06 AM	ra	Adobe Acrobat D
00025520	69,729	10/18/2000	7:06 AM	ra	Adobe Acrobat D
00025521	69,749	10/18/2000	7:06 AM	ra	Adobe Acrobat D
00025522	66,948	10/18/2000	7:06 AM	ra	Adobe Acrobat D
00025523	66,035	10/18/2000	7:07 AM	ra	Adobe Acrobat D
00025525	63,529	10/18/2000	7:07 AM	ra	Adobe Acrobat D
00025526	62,624	10/18/2000	7:07 AM	ra	Adobe Acrobat D
00025527	63,356	10/18/2000	7:07 AM	ra	Adobe Acrobat D
00025528	58,477	10/18/2000	7:07 AM	ra	Adobe Acrobat D
00025529	63,166	10/18/2000	7:08 AM	ra	Adobe Acrobat D
00025531	59,211	10/18/2000	7:08 AM	ra	Adobe Acrobat D
00025533	73,972	10/18/2000	7:09 AM	ra	Adobe Acrobat D
00025534	67,624	10/18/2000	7:10 AM	ra	Adobe Acrobat D
00025536	65,083	10/18/2000	7:10 AM	ra	Adobe Acrobat D
00025539	62,898	10/18/2000	7:14 AM	ra	Adobe Acrobat D
00025540	67,002	10/18/2000	7:14 AM	ra	Adobe Acrobat D
00025542	67,337	10/18/2000	7:14 AM	ra	Adobe Acrobat D
00025543	66,201	10/18/2000	7:14 AM	ra	Adobe Acrobat D
00025546	74,033	10/18/2000	7:15 AM	ra	Adobe Acrobat D
00025552	65,651	10/18/2000	7:21 AM	ra	Adobe Acrobat D
00025554	59,519	10/18/2000	7:23 AM	ra	Adobe Acrobat D
00025556	63,208	10/18/2000	7:23 AM	ra	Adobe Acrobat D
00025567	585,710	10/18/2000	7:36 AM	ra	Adobe Acrobat D
00025634	886,539	10/17/2000	2:51 PM	ra	Adobe Acrobat D
00025641	733,758	10/17/2000	3:23 PM	ra	Adobe Acrobat D
00025722	173,135	10/16/2000	2:16 PM	ra	Adobe Acrobat D
00025725	141,396	10/26/2000	8:48 AM	ra	Adobe Acrobat D
00025738	109,552	10/16/2000	8:04 AM	ra	Adobe Acrobat D
00025742	400,887	10/16/2000	8:07 AM	ra	Adobe Acrobat D
00025754	425,847	10/16/2000	8:46 AM	ra	Adobe Acrobat D
00025765	376,944	10/16/2000	8:49 AM	ra	Adobe Acrobat D
00025820	23,251	10/17/2000	11:47 AM	ra	Adobe Acrobat D
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00025892	43,852	10/26/2000	1:40 PM	ra	Adobe Acrobat D
00025896	69,392	10/26/2000	1:57 PM	ra	Adobe Acrobat D
00025938	44,711	10/17/2000	10:01 AM	ra	Adobe Acrobat D
00025939	29,636	10/17/2000	10:01 AM	ra	Adobe Acrobat D
00025940	52,162	10/17/2000	10:01 AM	ra	Adobe Acrobat D
00025943	35,125	10/17/2000	10:01 AM	ra	Adobe Acrobat D
00025958	262,481	10/25/2000	4:16 PM	ra	Adobe Acrobat D
00025959	63,480	10/25/2000	4:16 PM	ra	Adobe Acrobat D
00025966	373,864	10/25/2000	4:20 PM	ra	Adobe Acrobat D
00026016	42,882	10/17/2000	10:59 AM	ra	Adobe Acrobat D
00026035	31,709	10/26/2000	6:40 AM	ra	Adobe Acrobat D
00026036	11,622,788	10/26/2000	7:13 AM	ra	Adobe Acrobat D
00026129	48,358	10/25/2000	4:35 PM	ra	Adobe Acrobat D
00026132	317,294	10/25/2000	4:35 PM	ra	Adobe Acrobat D
00026146	170,321	10/25/2000	4:38 PM	ra	Adobe Acrobat D
00026154	130,782	10/25/2000	4:43 PM	ra	Adobe Acrobat D
00026220	33,718	10/25/2000	2:40 PM	ra	Adobe Acrobat D
00026221	4,323,997	10/25/2000	2:41 PM	ra	Adobe Acrobat D
00026239	74,884	10/26/2000	7:14 AM	ra	Adobe Acrobat D
00026279	41,972	10/26/2000	7:19 AM	ra	Adobe Acrobat D
00026317	44,934	10/26/2000	7:34 AM	ra	Adobe Acrobat D
00026338	59,460	10/26/2000	7:46 AM	ra	Adobe Acrobat D
00026346	33,131	10/26/2000	8:01 AM	ra	Adobe Acrobat D
00026381	134,175	10/26/2000	6:25 AM	ra	Adobe Acrobat D
00026410	95,486	10/26/2000	8:10 AM	ra	Adobe Acrobat D
00026520	94,438	10/26/2000	8:48 AM	ra	Adobe Acrobat D
00026527	27,585	10/26/2000	8:48 AM	ra	Adobe Acrobat D
00026533	34,397	10/26/2000	8:48 AM	ra	Adobe Acrobat D
00026566	130,036	10/26/2000	8:58 AM	ra	Adobe Acrobat D
00026681	36,557	10/27/2000	7:26 AM	ra	Adobe Acrobat D
00026684	28,360	10/27/2000	7:28 AM	ra	Adobe Acrobat D
00026764	115,715	10/27/2000	8:12 AM	ra	Adobe Acrobat D
00026800	62,978	10/27/2000	8:17 AM	ra	Adobe Acrobat D
00026872	103,788	10/27/2000	8:48 AM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
00026873	173,501	12/04/2000	1:33 PM	ra	Adobe Acrobat D
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00026909	37,262	10/27/2000	9:58 AM	ra	Adobe Acrobat D
00026915	38,544	10/27/2000	9:58 AM	ra	Adobe Acrobat D
00026922	52,556	10/27/2000	9:58 AM	ra	Adobe Acrobat D
00026934	40,249	10/27/2000	10:21 AM	ra	Adobe Acrobat D
00026936	71,019	10/27/2000	10:38 AM	ra	Adobe Acrobat D
00026938	94,147	10/27/2000	10:21 AM	ra	Adobe Acrobat D
00026941	49,265	10/27/2000	10:21 AM	ra	Adobe Acrobat D
00026949	477,172	10/26/2000	9:29 AM	ra	Adobe Acrobat D
00026963	283,024	10/26/2000	9:31 AM	ra	Adobe Acrobat D
00026968	79,360	10/27/2000	10:24 AM	ra	Adobe Acrobat D
00026969	34,803	10/27/2000	10:24 AM	ra	Adobe Acrobat D
00026970	18,756	10/27/2000	10:24 AM	ra	Adobe Acrobat D
00026971	121,299	10/27/2000	10:24 AM	ra	Adobe Acrobat D
00026978	35,916	10/27/2000	10:37 AM	ra	Adobe Acrobat D
00026983	90,537	10/27/2000	10:37 AM	ra	Adobe Acrobat D
00026989	23,340	10/27/2000	10:24 AM	ra	Adobe Acrobat D
00027002	32,675	10/27/2000	10:43 AM	ra	Adobe Acrobat D
00027019	45,580	10/27/2000	10:49 AM	ra	Adobe Acrobat D
00027026	39,046	10/27/2000	10:50 AM	ra	Adobe Acrobat D
00027032	242,236	10/27/2000	10:53 AM	ra	Adobe Acrobat D
00027040	123,111	10/27/2000	10:54 AM	ra	Adobe Acrobat D
00027046	271,431	10/27/2000	11:34 AM	ra	Adobe Acrobat D
00027050	258,101	10/27/2000	11:31 AM	ra	Adobe Acrobat D
00027057	2,377,665	10/27/2000	11:43 AM	ra	Adobe Acrobat D
00027074	66,926	10/27/2000	11:46 AM	ra	Adobe Acrobat D
00027087	1,412,036	10/27/2000	12:32 PM	ra	Adobe Acrobat D
00027089	141,124	10/27/2000	12:32 PM	ra	Adobe Acrobat D
00027092	87,517	10/27/2000	12:32 PM	ra	Adobe Acrobat D
00027094	192,568	10/27/2000	12:33 PM	ra	Adobe Acrobat D
00027104	15,306,690	10/27/2000	1:16 PM	ra	Adobe Acrobat D
00027134	190,027	11/24/2000	8:33 AM	ra	Adobe Acrobat D
00027151	2,988,838	11/24/2000	8:51 AM	ra	Adobe Acrobat D
00027180	964,360	11/24/2000	11:29 AM	ra	Adobe Acrobat D
00027184	819,850	11/24/2000	11:31 AM	ra	Adobe Acrobat D
00027227	953,482	11/24/2000	11:49 AM	ra	Adobe Acrobat D
00027245	203,328	11/24/2000	1:00 PM	ra	Adobe Acrobat D
00027284	257,656	11/24/2000	2:04 PM	ra	Adobe Acrobat D
00027285	32,291	11/24/2000	2:05 PM	ra	Adobe Acrobat D
00027291	57,612	11/24/2000	2:13 PM	ra	Adobe Acrobat D
00027299	195,051	11/24/2000	2:25 PM	ra	Adobe Acrobat D
00027354	24,818	11/24/2000	5:22 PM	ra	Adobe Acrobat D
00027421	234,609	11/24/2000	5:26 PM	ra	Adobe Acrobat D
00028035	9,446,346	01/04/2001	8:30 AM	ra	Adobe Acrobat D
00028093	17,850,783	01/03/2001	5:47 PM	ra	Adobe Acrobat D
00028115	72,477,404	01/12/2001	9:31 AM	ra	Adobe Acrobat D
00028166	9,410,364	12/03/2001	2:56 PM	a	Adobe Acrobat D
00029234	6,176,311	01/07/2002	4:32 PM	a	Adobe Acrobat D
00030064	7,089,104	05/25/2001	11:57 AM	ra	Adobe Acrobat D
00030126	11,680,659	01/08/2002	11:26 AM	a	Adobe Acrobat D
00030172	2,123,547	12/14/2001	11:20 AM	a	Adobe Acrobat D
00030174	351,173	08/23/2001	10:46 AM	a	Adobe Acrobat D
057-058	21,963,452	01/16/2002	3:17 PM	ra	Adobe Acrobat D
101-07	536,358	01/17/2002	3:45 PM	ra	Adobe Acrobat D
101-11	1,246,439	01/17/2002	3:46 PM	ra	Adobe Acrobat D
101-12	648,187	01/23/2002	10:58 AM	ra	Adobe Acrobat D
101-13	2,430,448	01/17/2002	3:49 PM	ra	Adobe Acrobat D
101-14A	1,097,008	01/17/2002	3:49 PM	ra	Adobe Acrobat D
101-15A	1,155,754	01/17/2002	3:47 PM	ra	Adobe Acrobat D
101-15B	816,675	01/17/2002	3:47 PM	ra	Adobe Acrobat D
101-34	1,364,578	01/18/2002	9:29 AM	a	Adobe Acrobat D
81-126	6,014,836	01/16/2002	8:11 AM	ra	Adobe Acrobat D
82-074	10,830,127	01/16/2002	2:53 PM	ra	Adobe Acrobat D
83-096	10,587,157	01/16/2002	8:03 AM	ra	Adobe Acrobat D
85-037	4,100,776	01/16/2002	2:19 PM	ra	Adobe Acrobat D
89-0033	13,149,637	01/16/2002	8:23 AM	ra	Adobe Acrobat D
CO00742	226,699	12/18/2000	10:52 AM	ra	Adobe Acrobat D
CO01128	765,559	12/20/2000	11:19 AM	ra	Adobe Acrobat D
CO01262	195,337	12/20/2000	12:36 PM	ra	Adobe Acrobat D
CO01509	195,158	12/20/2000	1:44 PM	ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type	
CO01650	113,538	12/20/2000	2:47 PM		ra	Adobe Acrobat D
CO01651	152,569	12/20/2000	2:46 PM		ra	Adobe Acrobat D
CO01663	121,680	12/20/2000	2:55 PM		ra	Adobe Acrobat D
CO01669	89,477	12/20/2000	2:54 PM		ra	Adobe Acrobat D
CO01711	45,121	12/20/2000	3:03 PM		ra	Adobe Acrobat D
CO01809	63,486	12/20/2000	3:23 PM		ra	Adobe Acrobat D
CO01854	110,108	12/20/2000	3:48 PM		ra	Adobe Acrobat D
CO02156	131,737	12/21/2000	10:55 AM		ra	Adobe Acrobat D
CO02157	198,814	12/21/2000	10:56 AM		ra	Adobe Acrobat D
CO02159	179,940	12/21/2000	10:55 AM		ra	Adobe Acrobat D
CO02161	107,343	12/21/2000	10:55 AM		ra	Adobe Acrobat D
CO02236	10,097,922	12/18/2000	1:22 PM		ra	Adobe Acrobat D

Name	Size	Date	Time	Attr	Type
AERIAL PHOTOS		11/30/2001	10:01 AM	d	File Folder
1992TECHLAWPG51	1,961,251	12/14/2001	1:45 PM	a	Adobe Acrobat D
1992TECHLAWPG53	1,982,144	12/14/2001	1:44 PM	a	Adobe Acrobat D
ADAMS,W	12,091	12/14/2001	11:33 AM	a	Adobe Acrobat D
ALL INDECES	1,121,280	02/18/2002	9:13 AM	a	Microsoft Excel
ALMAROAD,R	909,502	12/14/2001	2:10 PM	a	Adobe Acrobat D
ALTEKRUSE,R	12,375	12/14/2001	11:34 AM	a	Adobe Acrobat D
AMENNO13	71,245	01/11/2002	10:33 AM	ra	Adobe Acrobat D
ARNETT,M	5,493	12/14/2001	11:35 AM	a	Adobe Acrobat D
BACKGROUND	1,561,455	01/11/2002	10:33 AM	ra	Adobe Acrobat D
BAINES,H	2,008,713	12/14/2001	2:06 PM	a	Adobe Acrobat D
BOLES,A	3,891,631	12/14/2001	1:57 PM	a	Adobe Acrobat D
DUPONT EMPLOYEES	6,911	12/14/2001	11:36 AM	a	Adobe Acrobat D
DUPONTNG	1,279,179	01/18/2002	9:32 AM	a	Adobe Acrobat D
EMMAROD	6,101,808	02/01/2002	9:10 AM	a	Adobe Acrobat D
ENTECH02	4,310,135	01/14/2002	5:37 PM	ra	Adobe Acrobat D
ENTECH04	5,374,971	01/14/2002	6:18 PM	ra	Adobe Acrobat D
ENTECH08	4,808,712	01/14/2002	6:19 PM	ra	Adobe Acrobat D
ENTECH11	8,537,913	01/14/2002	6:26 PM	ra	Adobe Acrobat D
ENTECH12	5,073,858	01/14/2002	6:27 PM	ra	Adobe Acrobat D
ENTECH2000	28,403,202	01/16/2002	10:50 AM	ra	Adobe Acrobat D
ENTECH2001	79,916,223	05/22/2001	3:29 PM	ra	File
ENTECHV1	6,372,976	01/17/2002	8:01 AM	ra	Adobe Acrobat D
ENTECHV2	12,647,213	01/14/2002	6:33 PM	ra	Adobe Acrobat D
EXPLP316	107,218	01/11/2002	10:26 AM	ra	Adobe Acrobat D
EXPLPG33	85,207	01/11/2002	10:25 AM	ra	Adobe Acrobat D
EXPLPG55	142,023	01/11/2002	10:22 AM	ra	Adobe Acrobat D
FFA	3,971,030	01/11/2002	10:19 AM	ra	Adobe Acrobat D
FIBERLIT	858,716	01/16/2002	1:51 PM	ra	Adobe Acrobat D
FSP-URS	47,002,466	01/16/2002	1:43 PM	ra	Adobe Acrobat D
FUNK,C	1,045,939	12/14/2001	2:09 PM	a	Adobe Acrobat D
HELSEL01	41,376,597	01/11/2002	3:23 PM	a	Adobe Acrobat D
HELSEL02	49,442,202	01/11/2002	3:37 PM	a	Adobe Acrobat D
HIGH,R	1,928,922	12/14/2001	2:04 PM	a	Adobe Acrobat D
HOFFARD,C	1,964,294	12/14/2001	1:57 PM	a	Adobe Acrobat D
HUTCHLTR	1,629,083	01/11/2002	10:16 AM	ra	Adobe Acrobat D
KERLEY,B	6,850	12/14/2001	11:36 AM	a	Adobe Acrobat D
KOVACK,C	2,894,510	12/14/2001	2:16 PM	a	Adobe Acrobat D
LUPERSOL	479,888	01/11/2002	10:15 AM	ra	Adobe Acrobat D
MAHAN,J	10,397	12/14/2001	11:46 AM	a	Adobe Acrobat D
MAP-04	1,138,234	01/17/2002	3:48 PM	ra	Adobe Acrobat D
MAP-2B	1,584,186	01/17/2002	3:51 PM	ra	Adobe Acrobat D
MAP-IN	1,372,321	01/17/2002	3:52 PM	ra	Adobe Acrobat D
MODGLIN,V	4,098,243	12/14/2001	1:58 PM	a	Adobe Acrobat D
MOORE,P	13,137	12/14/2001	11:37 AM	a	Adobe Acrobat D
MOORE1913	74,231	01/11/2002	10:12 AM	ra	Adobe Acrobat D
OKOLSKI,R	14,688	12/14/2001	11:37 AM	a	Adobe Acrobat D
PHOTO11H	118,017	01/11/2002	10:12 AM	ra	Adobe Acrobat D
PHOTO11S	522,007	01/11/2002	10:11 AM	ra	Adobe Acrobat D
PITT,H	13,407	12/14/2001	11:40 AM	a	Adobe Acrobat D
PITT,TECHLAW	2,914,070	12/14/2001	1:43 PM	a	Adobe Acrobat D
PRIMEXLTR	28,281	01/11/2002	10:11 AM	ra	Adobe Acrobat D
RANDALL,C	848,227	12/14/2001	2:11 PM	a	Adobe Acrobat D
RMT-1	12,311,424	01/14/2002	6:39 PM	ra	Adobe Acrobat D
RMT-2	21,694,925	01/15/2002	4:28 PM	ra	Adobe Acrobat D
RMT-3	17,437,576	01/16/2002	10:26 AM	ra	Adobe Acrobat D
RPTSVY	231,658	01/11/2002	9:59 AM	ra	Adobe Acrobat D
SHIPREQ	114,052	01/11/2002	9:58 AM	ra	Adobe Acrobat D
TAYLOR,R	2,003,897	12/14/2001	2:08 PM	a	Adobe Acrobat D
THOMAS,N	2,881,366	12/14/2001	1:48 PM	a	Adobe Acrobat D
THROGMORTON,T	12,124	12/14/2001	11:39 AM	a	Adobe Acrobat D
TRAVIS01	10,548,119	01/11/2002	3:26 PM	a	Adobe Acrobat D
TROUTMAN,K	5,354,288	12/14/2001	2:03 PM	a	Adobe Acrobat D
VAIDEN01	9,577,078	01/11/2002	3:12 PM	a	Adobe Acrobat D
WALKER08	615,521	01/11/2002	9:57 AM	ra	Adobe Acrobat D
WATERTWR	69,361	01/16/2002	10:18 AM	a	Adobe Acrobat D
WEBB,W	1,924,698	12/14/2001	2:13 PM	a	Adobe Acrobat D
WILKIE,F	13,713	12/14/2001	11:39 AM	a	Adobe Acrobat D
WILKIE,R	12,317	12/14/2001	11:38 AM	a	Adobe Acrobat D
WISELY0628	196,406	12/14/2001	11:18 AM	a	Adobe Acrobat D

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
ES- 1	This site, which is in the Crab Orchard Cemetery (COC) area, had been investigated previously as part of the Explosives/Munitions Operable Unit (EMMA OU), as Site COC-9. As part of the EMMA OU, Site COC-9 was determined to require no further action. See U.S. Environmental Protection Agency, Region V, 1997, Record of Decision for Crab Orchard National Wildlife Refuge Explosives/Munitions Operable Unit. The U.S. Army is the lead agency for the EMMA OU.	See CD #3, Doc. EMMAROD
ES- 2	Olin Corporation (formerly Olin Mathieson Chemical Corp.) spun off its ordnance manufacturing division to Primex Technologies, Inc. (Primex) at the end of 1996. In January 2001, General Dynamics Corporation acquired Primex. Primex became a wholly owned subsidiary of General Dynamics and changed its name to General Dynamics Ordnance and Tactical Systems, Inc. (hereafter referred to as GDO&TS). Primex took over the Olin leases at the end of 1996. GDO&TS assumed the leases in January 2001.	See CD #3, Docs. PRIMEXLTR and AMENNO13

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
1- 1	The Crab Orchard National Wildlife Refuge was placed on the U.S. Environmental Protection Agency's National Priorities List (NPL) in 1987. 52 Fed. Reg. 27620, 27265 (July 22, 1987). Since then seven operable units have been created at the NPL Site, which is referred to as the "Site." Areas within the various operable units are referred to as "sites."	The Federal Register is publicly available.
1- 2	Contract No. 1425-97-CA-81-20003, dated November 15, 1996. Delivery Order No. 178.	Confidential business information.
1- 3	Act of August 5, 1947, Public Law No. 80-361, 16 USC §§ 666f-666g.	Publicly available.
1- 4	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
1- 5	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
1- 6	Illinois Environmental Protection Agency, 1977. Biological Investigation of the Crab Orchard Creek Basin, Summer 1975, by Robert L. Hite and Marvin King.	See CD #1, Doc. No. 0000040
1- 7	O'Brien & Gere, 1988. Remedial Investigation Report, Crab Orchard National Wildlife Refuge, August, 1988.	See CD #2, Doc. No. 00022621
1- 8	O'Brien & Gere, 1989. Feasibility Study, Crab Orchard National Wildlife Refuge, August, 1989.	See CD #2, Doc. No. 00022626
1- 9	U.S. Environmental Protection Agency, 1990b. Declaration for the Record of Decision, Crab Orchard National Wildlife Refuge, PCB Areas Operable Unit, August 1, 1990.	See CD #2, Doc. No. 00020842
1- 10	USEPA, Region V, Declaration for the Record of Decision, Crab Orchard National Wildlife Refuge, Metals Areas Operable Unit, March 30, 1990.	See CD #1, Doc. No. 00001392
1- 11	U.S. Environmental Protection Agency, Region V, and the Illinois Environmental Protection Agency, and the United States Department of the Interior, and the United States Department of the Army, 1991. Federal Facilities Agreement Under CERCLA Section 120, in the Matter of the U.S. Department of the Interior's Crab Orchard National Wildlife Refuge. September 1991.	See CD #3, Doc. FFA
1- 12	DPRA Document No. 00003705. U.S. Department of the Interior, U.S. Fish & Wildlife Service, Draft Final RI Addendum Report, Sites 14 and 36 Investigation, Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), September 1999.	See CD #1, Doc. No. 00003705
1- 13	U.S. Environmental Protection Agency, Region V, 1997. Record of Decision for Crab Orchard National Wildlife Refuge Explosives/Munitions Operable Unit.	See CD #3, Doc. EMMAROD
1- 14	In 1998 the USEPA conducted limited sampling at a number of the original AUS OU sites. No report was prepared, but the unreviewed laboratory analytical data, plus survey locations for most points were provided.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
1- 15	The notice to proceed for the work was issued in early March of 1999. Many of the sites are in remote, heavily vegetated areas. Therefore, to effectively conduct the site visit, most the work had to be completed by mid-April 1999, before the vegetative cover would obscure site features. This required that site visits be done first.	This footnote either provides additional information or further clarifies the text; no document is referenced.
1- 16	COC refers to sites in the Crab Orchard Cemetery area. Several EMMA OU sites are located in the COC area.	This footnote either provides additional information or further clarifies the text; no document is referenced.
1- 17	The aerial photography investigation involved reviewing a series of photographs from the Site from the period 1943 to 1993. The aerial photography was used to identify and bracket in time areas of industrial activity and such features as potential solid and liquid waste disposal sites.	This footnote either provides additional information or further clarifies the text; no document is referenced.

FOOTNOTES INDEX

REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
2- 1	Jerry Lineback, Quaternary Deposits of Illinois, (Map) Illinois State Geological Survey, 1979.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc
2- 2	Frankie, W.T., et al, Guide to the Geology of the Carbondale Area Jackson, Union, and Williamson Counties, Illinois, Illinois State Geological Survey Field Trip Guidebook 1995D, October 28, 1995.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc
2- 3	Jerry Lineback, Quaternary Deposits of Illinois, (Map) Illinois State Geological Survey, 1979.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc
2- 4	Berg, R.C., and J.P. Kempton, Stack Unit Mapping of Geologic Material in Illinois to a Depth of 15 Meters, Illinois State Geological Survey, Publication C542, 1987.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc
2- 5	Piskin, K, Thickness of Glacial Drift in Illinois, (Map), Illinois State Geological Survey, 1975.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc
2- 6	Fehrenbacher, J.B., and R.T. Odell, Williamson County Soils, Soil Report 79, University of Illinois Agricultural Experiment Station, 1959.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc
2- 7	Ibid.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc
2- 8	Williams, H.B., et al, Handbook of Illinois Stratigraphy, Illinois State Geological Survey, Bulletin 95, 1975.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc
2- 9	Illinois Administrative Code, Title 35, Section 620	Publicly available.
2- 10	Wayne A. Pryor, Groundwater Geology in Southern Illinois, A Preliminary Geologic Report, Illinois State Geological Survey Circular 212, 1956; pp. 24-25.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc
2- 11	Geologic Report on the Ground-Water Conditions for a Domestic Supply in Section 7, T9S, R3E, Williamson County, Illinois, by Robert Vaiden, Research Assistant, Hydrogeology and Physics Section, October 14, 1980	See CD #3, Doc. VAIDEN01
2- 12	Freeze, R.A., and J.A. Cherry, 1979. Groundwater. Published by Prentice-Hall, Inc.	Publicly available from Prentice-Hall at 800-382-3419, or at http://www.prenhall.com (ISBN No. 0-13-365312-9)
2- 13	USEPA, December 1995. Determination of Background Concentrations of Inorganics in Soils and Sediments at Hazardous Waste Sites, EPA/540/5-96/500, OSWER Engineering Forum Issue.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
2- 14	Fehrenbacher, J.B., and R.T. Odell, Williamson County Soils, Soil Report 79, University of Illinois Agricultural Experiment Station, 1959.	Publicly available from the Illinois State Geological Survey at 217-333-4747 or at http://www.isgs.uiuc

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
2- 15	Woodward-Clyde, 1995, for USFWS. Summary of Background Metals, Crab Orchard National Wildlife Refuge.	See CD #3, Doc. BACKGROUND
2- 16	USEPA, December 1995. Determination of Background Concentrations of Inorganics in Soils and Sediments at Hazardous Waste Sites, EPA/540/S-96/500, OSWER Engineering Forum Issue.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
2- 17	United States Environmental Protection Agency, Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Addendum to Interim Final Guidance, Office of Solid Waste Permit and State Programs, 1992.	Publicly available from the United States Environmental Protection Agency at http://www.epa.gov
2- 18	Ibid.	Publicly available from the United States Environmental Protection Agency at http://www.epa.gov
2- 19	Ibid.	Publicly available from the United States Environmental Protection Agency at http://www.epa.gov
2- 20	Ibid	Publicly available from the United States Environmental Protection Agency at http://www.epa.gov
2- 21	Helsel, D.R. and T.A. Cohn, Estimation of Descriptive Statistics for Multiply Censored Water Quality Data. Water Resource Research 24(12): 1997-2004, 1988.	See CD #3, Doc. HELSEL01
2- 22	Travis, C.C. and M.L. Land, Estimating the Mean of Data Sets with Nondetectable Values. Environmental Science and Technology 24(7): 961-962, 1990.	See CD #3, Doc. TRAVIS01
2- 23	Helsel, D.R., Statistical Treatment of Data Below the Detection Limit. Environmental Science and Technology 24(12): 1766-1774, 1990.	See CD #3, Doc. HELSEL02
2- 24	Ibid.	See CD #3, Doc. HELSEL02
2- 25	For locations with duplicates, the value that was used in the analysis was the average concentration of the two samples.	This footnote either provides additional information or further clarifies the text; no document is referenced.
2- 26	United States Environmental Protection Agency, Determination of Background Concentrations of Inorganics in Soils and Sediments at Hazardous Waste Sites, EPA/540/S-96/500, 1995.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
2- 27	Woodward-Clyde, Miscellaneous Areas Operable Unit Remedial Investigation, 1996.	See CD #1, Doc. No. 00000797
2- 28	Environmental Science & Engineering, Final Revised Feasibility Study Report, EMMA OU, September 26, 1995.	See CD #2, Doc. No. 00028093
2- 29	TACO = Tiered Approach to Corrective Action Objectives, 35 IAC 742, the Illinois voluntary cleanup program.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
2- 30	The Ecological Work Group is made up of ecological risk practitioners from the USFWS, USEPA and IEPA; plus the USFWS, USEPA and IEPA CERCLA project managers.	This footnote either provides additional information or further clarifies the text; no document is referenced.
2- 31	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency, Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
2- 32	USACE. 1995. Trophic transfer and biomagnification potential of contaminants in aquatic ecosystems. Environmental Effects of Dredging: Technical Notes. EEDP-01-33. US Army Corps of Engineers Waterways Experiment Station, Vicksburg, MS.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
3- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 1 (Plan No. 6544-101.52).	See CD #1, Doc. No. 00009321
3- 2	Changes to the original structure of Area 2 were observed during the site reconnaissance on April 13, 1999.	This footnote either provides additional information or further clarifies the text; no document is referenced.
3- 3	Originally US FWS had two separate divisions managing the Refuge. One was the industrial division that managed the industrial tenant functions like the fire department and railway services. The other was the Refuge division that managed non-industrial activities including recreational and farming leases at the Refuge.	This footnote either provides additional information or further clarifies the text; no document is referenced.
3- 4	Deposition of Harry Stiles, November 18, 1997, Page 23.	See CD #1, Doc. No. 00004105
3- 5	Deposition of Harvey Pitt, November 19, 1997, Pages 44-46.	See CD #1, Doc. No. 00004119
3- 6	Harvey Pitt, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-20.	See CD #3, Doc. PITT,TECHLAW
3- 7	CRO 000056. Excerpt from: Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May through August, 1963, Page 27.	See CD #2, Doc. No. 00025411
3- 8	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
3- 9	CRO 000057. Excerpt from: Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May through August, 1963, Page 28.	See CD #2, Doc. No. 00025411
3- 10	Olin, by comparison, leased over 172,000 square ft and employed 417 people at the Refuge at the beginning of 1966. CRO 000096 - Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, 1966, Crab Orchard National Wildlife Refuge, Table No. 1.	See CD #2, Doc. No. 00025417
3- 11	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18. The "9-south" was either an error by Modglin or a transcription error and should be 8-south. Area 9 was referred to as the "I" Area.	See CD #3, Doc. MODGLIN,V
3- 12	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
3- 13	Thomas Throgmorton, personal interview, November 9, 1999. Throgmorton's date of September 1970 is in agreement with the Refuge annual report for 1970 (CRO-000124).	See CD #3, Doc. THROGMORTON,T; and CD #2, Doc. No. 00025423
3- 14	CRO 000317. Fish and Wildlife Service, Letter to Central Technology Inc., regarding the cancellation of two leases and one special use permit for various buildings on the Crab Orchard National Wildlife Refuge, dated November 30, 1970.	See CD #2, Doc. No. 00025065
3- 15	Deposition of John Miller, April 9, 1998, Page 74.	See CD #1, Doc. No. 00004133

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
3- 16	DOI 001455 – DOI 001460. Tenth Amendment of Lease Contract No. 14-19-0008-2675, by and between Olin Mathieson Chemical Corporation and the Bureau of Sport Fisheries and Wildlife, United States Fish and Wildlife Service, dated November 1, 1963. Note that Tract F is referring to Area 2B.	See CD #2, Doc. No. 00018768
3- 17	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
3- 18	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
3- 19	During the site reconnaissance on April 13, 1999 it was observed that the fence line for Area 2B has changed and some of the buildings originally in Area 2B are now south of the fence. These buildings have all been razed and only their foundations and some building debris remain.	This footnote either provides additional information or further clarifies the text; no document is referenced.
3- 20	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 3-1.	See CD #2, Doc. No. 00026221
3- 21	Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Uncharacterized Sites Report, dated March 9, 1992.	See CD #2, Doc. No. 00028166
3- 22	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
3- 23	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
3- 24	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 8-55.	See CD #2, Doc. No. 00026221
3- 25	Deposition of Harvey Pitt, November 19, 1997, Pages 44-46.	See CD #1, Doc. No. 00004119
3- 26	CRO 000056. Excerpt from: Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May through August, 1963, Page 27.	See CD #2, Doc. No. 00025411
3- 27	Harvey Pitt, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-20.	See CD #3, Doc. PITT,TECHLAW
3- 28	Deposition of Harvey Pitt, November 19, 1997, Pages 45, 76-77.	See CD #1, Doc. No. 00004119
3- 29	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
3- 30	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-17.	See CD #3, Doc. MODGLIN,V
3- 31	CRO 000124. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, 1970, Crab Orchard National Wildlife Refuge, Page 44.	See CD #2, Doc. No. 00025423

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
3- 32	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report. Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
3- 33	Deposition of George Wisely, June 28, 1999, Page 99.	See CD #3, Doc. WISELY0628
3- 34	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
3- 35	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
3- 36	PRI-016328 - PRI-016329. Olin inter office memo entitled B-2-13 and B-2-15 Cleanup Operations, dated April 27, 1983.	See CD #2, Doc. No. 00026520
3- 37	This may be done because the majority of solid propellant assembly operations are in Area 2D.	This footnote either provides additional information or further clarifies the text; no document is referenced.
3- 38	CRO 000056. Excerpt from: Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May through August, 1963, Page 27.	See CD #2, Doc. No. 00025411
3- 39	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (Plan No. 6544-101.34), Part 1 Section 8 Page 1, and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 40	All information on the manufacturing process for tetryl boosters was determined from the logical order of manufacture and the Booster Loading Line plan documents from the 1944 Facilities inventory.	This footnote either provides additional information or further clarifies the text; no document is referenced.
3- 41	Deposition of Harvey Pitt, November 19, 1997, Pages 46-47.	See CD #1, Doc. No. 00004119
3- 42	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 8-55.	See CD #2, Doc. No. 00026221
3- 43	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III Section 2 Page 5.	See CD #1, Doc. No. 00009321
3- 44	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
3- 45	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 1 and Figure 2. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993 (except in Area 2, which was analyzed from 1960-1993). The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH02
3- 46	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
3- 47	PRI-002647. 1975 Safety Performance Technical Systems Operation, Marion, Illinois, from the Olin files collection.	See CD #1, Doc. No. 00015383
3- 48	Deposition of George T. Wisely, July 15, 1999, Page 17 with Exhibit 22.	See CD #1, Doc. No. 00004216
3- 49	PRI-016249. Olin inter office memo entitled TSO Water Discharges, dated March 18, 1981.	See CD #2, Doc. No. 00026279

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
3- 50	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
3- 51	PRI-016297 - PRI-016298. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Pages 1 and 2.	See CD #2, Doc. No. 00026410
3- 52	PRI-016299. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 3.	See CD #2, Doc. No. 00026410
3- 53	DPRA Document No. 00026949/PRI-006609. Olin, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00001.	See CD #2, Doc. No. 00026949
3- 54	DPRA Document No. 00026963/PRI-006631. Olin, Attachment 13 as part of 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985.	See CD #2, Doc. No. 00026963
3- 55	PRI-009228. Olin inter office memo entitled Staff Safety Audit, dated May 25, 1988.	See CD #1, Doc. No. 00013061
3- 56	PRI-009228. Olin inter office memo entitled Staff Safety Audit, dated May 25, 1988.	See CD #1, Doc. No. 00013061
3- 57	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 58	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 59	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (Plan No. 6544-101.34), Part 1, Section 7, Page 15, Part 1 Section 8 Page 1, and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 60	All information on the manufacturing process for tetryl boosters was determined from the logical order of manufacture and the Booster Loading Line plan documents in the 1944 Facilities Inventory.	This footnote either provides additional information or further clarifies the text; no document is referenced.
3- 61	Deposition of Harvey Pitt, November 19, 1997, Pages 46-47.	See CD #1, Doc. No. 00004119
3- 62	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 8-55.	See CD #2, Doc. No. 00026221
3- 63	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III Section 2 Page 6.	See CD #1, Doc. No. 00009321
3- 64	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
3- 65	U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Crab Orchard National Wildlife Refuge, Page 54.	See CD #2, Doc. No. 00025966
3- 66	Deposition of Harvey Pitt, November 19, 1997, Page 154.	See CD #1, Doc. No. 00004119
3- 67	PRI-002647. 1975 Safety Performance Technical Systems Operation, Marion, Illinois, from the Olin files collection.	See CD #1, Doc. No. 00015383
3- 68	Deposition of George T. Wisely, July 15, 1999, Pages 13- 14 with Exhibit 22.	See CD #1, Doc. No. 00004216

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
3- 69	PRI-009228. Olin inter office memo entitled Staff Safety Audit, dated May 25, 1988.	See CD #1, Doc. No. 00013061
3- 70	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 71	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 72	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 73	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (plan no. 6544-101.34) and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 74	Original IOP Plan No.6544-101.34, last revision, December 9, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-34
3- 75	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH02
3- 76	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH02
3- 77	Original IOP Plan No.6544-101.34, last revision, December 9, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-34
3- 78	Undated USFWS map of Area 2-B with notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #3, Doc. MAP-2B
3- 79	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
3- 80	DPRA Document No. 00026949/PRI-006609. Olin, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00002.	See CD #2, Doc. No. 00026949
3- 81	PRI-009228. Olin inter office memo entitled Staff Safety Audit, dated May 25, 1988.	See CD #1, Doc. No. 00013061
3- 82	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 2, and 10.	See CD #1, Doc. No. 00007524
3- 83	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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3- 84	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (plan no. 6544-101.34) and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 85	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH02
3- 86	DPRA Document No. 00015583/PRI-006598. Olin-Marion Wastewater Discharges/Sources: Group A Status Report 11 November 1985.	See CD #1, Doc. No. 00015583
3- 87	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (plan no. 6544-101.34), Part 1 Section 8 Page 1, and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 88	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 8 Page 19.	See CD #1, Doc. No. 00009321
3- 89	DOI 003443. Olin Corporation, Petition for Variance, State of Illinois, Pollution Control Board, Olin Corporation, A Virginia Corporation, Petitioner, vs. The State of Illinois, Environmental Protection Agency, Respondent, dated July 14, 1981, Page 3.	See CD #2, Doc. No. 00019768
3- 90	DOI 001627. Amendment No. 2 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated May 1, 1982.	See CD #2, Doc. No. 00018839
3- 91	DOI 003443. Olin Corporation, Petition for Variance, State of Illinois, Pollution Control Board, Olin Corporation, A Virginia Corporation, Petitioner, vs. The State of Illinois, Environmental Protection Agency, Respondent, dated July 14, 1981, Page 3.	See CD #2, Doc. No. 00019768
3- 92	DOI 003443. Olin Corporation, Petition for Variance, State of Illinois, Pollution Control Board, Olin Corporation, A Virginia Corporation, Petitioner, vs. The State of Illinois, Environmental Protection Agency, Respondent, dated July 14, 1981, Page 3.	See CD #2, Doc. No. 00019768
3- 93	DOI 003441 – DOI 003457. Olin Corporation, Petition for Variance, State of Illinois, Pollution Control Board, Olin Corporation, A Virginia Corporation, Petitioner, vs. The State of Illinois, Environmental Protection Agency, Respondent, dated July 14, 1981, and attached Exhibits A and B.	See CD #2, Doc. No. 00019768
3- 94	DOI 0003403. Olin, Letter to EPA regarding the burning of Buildings B-2-5, B-2-8, and an open burn located at the test range facility, dated May 24, 1982.	See CD #2, Doc. No. 00019712
3- 95	PRI-017530 – PIR-017531. Olin, Standard Operating Procedure, Special Procedure – Opening Burning CTI and Pits, dated August 4, 1981, Pages 2-3.	See CD #2, Doc. No. 00027421
3- 96	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (plan no. 6544-101.34), Part 1 Section 7 Page 16, Part 1 Section 8 Page 1, and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 97	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 8 Page 20.	See CD #1, Doc. No. 00009321
3- 98	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III Section 2 Page 6.	See CD #1, Doc. No. 00009321

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3- 99	Deposition of Harvey Pitt, November 19, 1997, Page 46.	See CD #1, Doc. No. 00004119
3- 100	Deposition of Harvey Pitt, November 19, 1997, Page 46.	See CD #1, Doc. No. 00004119
3- 101	Deposition of Harvey Pitt, November 19, 1997, Page 46.	See CD #1, Doc. No. 00004119
3- 102	Deposition of Harvey Pitt, November 19, 1997, Page 46.	See CD #1, Doc. No. 00004119
3- 103	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
3- 104	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-17. Note that there is no Building B-26; Modglin presumably said "Building Bee-two-six" and it was recorded as B-26 rather than B-2-6.	See CD #3, Doc. MODGLIN,V
3- 105	U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Crab Orchard National Wildlife Refuge, Page 54.	See CD #2, Doc. No. 00025966
3- 106	Deposition of Harvey Pitt, November 19, 1997, Page 154.	See CD #1, Doc. No. 00004119
3- 107	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
3- 108	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH02
3- 109	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (plan no. 6544-101.34), Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 110	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH02
3- 111	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (plan no. 6544-101.34), Part 1 Section 7 Page 16, Part 1 Section 8 Page 1, and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 112	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III Section 2 Page 6.	See CD #1, Doc. No. 00009321
3- 113	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III Section 1 Page 20.	See CD #1, Doc. No. 00009321
3- 114	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III Section 2 Page 6.	See CD #1, Doc. No. 00009321
3- 115	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 8 Page 21 and Part III Section 1 Page 20.	See CD #1, Doc. No. 00009321
3- 116	DOI 003444. Olin Corporation, Petition for Variance, State of Illinois, Pollution Control Board, Olin Corporation, A Virginia Corporation, Petitioner, vs. The State of Illinois, Environmental Protection Agency, Respondent, dated July 14, 1981, Page 4.	See CD #2, Doc. No. 00019768

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3- 117	DOI 001627. Amendment No. 2 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated May 1, 1982.	See CD #2, Doc. No. 00018839
3- 118	DOI 003444. Olin Corporation, Petition for Variance, State of Illinois, Pollution Control Board, Olin Corporation, A Virginia Corporation, Petitioner, vs. The State of Illinois, Environmental Protection Agency, Respondent, dated July 14, 1981, Page 4.	See CD #2, Doc. No. 00019768
3- 119	DOI 003441 – DOI 003457. Olin Corporation, Petition for Variance, State of Illinois, Pollution Control Board, Olin Corporation, A Virginia Corporation, Petitioner, vs. The State of Illinois, Environmental Protection Agency, Respondent, dated July 14, 1981, and attached Exhibits A and B.	See CD #2, Doc. No. 00019768
3- 120	DOI 0003403. Olin, Letter to EPA regarding the burning of Buildings B-2-5, B-2-8, and an open burn located at the test range facility, dated May 24, 1982.	See CD #2, Doc. No. 00019712
3- 121	PR-1017531. Olin, Standard Operating Procedure, Special Procedure – Opening Burning CTI and Pits, dated August 4, 1981, Page 3.	See CD #2, Doc. No. 00027421
3- 122	Richard Altekruze, personal interview, July 14, 1999.	See CD #3, Doc. ALTEKRUSE,R
3- 123	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 15 (plan no. 6544-101.34) and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 124	Original IOP Plan No.6544-101.34, last revision, December 9, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-34
3- 125	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH02
3- 126	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
3- 127	Deposition of John Miller, November 19, 1997, Page 74.	See CD #1, Doc. No. 00004133
3- 128	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 2 and 3.	See CD #3, Doc. ENTECH02
3- 129	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 3 and 4.	See CD #3, Doc. ENTECH02
3- 130	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 131	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
3- 132	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524

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3- 133	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 134	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 page 15 (plan no. 6544-101.34), Part I Section 8 Page 2, and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 135	Originally US FWS had two separate divisions managing the Refuge. One was the industrial division that managed the industrial tenant functions like the fire department and railway services. The other was the Refuge division that managed non-industrial activities including recreational and farming leases at the Refuge.	This footnote either provides additional information or further clarifies the text; no document is referenced.
3- 136	Deposition of Harry Stiles on November 18, 1997, Page 23.	See CD #1, Doc. No. 00004105
3- 137	DPRA Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949.	See CD #1, Doc. No. 00009059
3- 138	Deposition of Harry Stiles on November 18, 1997, Page 23.	See CD #1, Doc. No. 00004105
3- 139	DPRA Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949.	See CD #1, Doc. No. 00009059
3- 140	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18. Note that there is no Building B-210; Modglin presumably said "Building Bee-two-ten" and it was recorded as B-210 rather than B-2-10.	See CD #3, Doc. MODGLIN,V
3- 141	Deposition of Charles Funk, April 9, 1998, Page 14.	See CD #1, Doc. No. 00004122
3- 142	PRI-002647. 1975 Safety Performance Technical Systems Operation, Marion, Illinois, from the Olin files collection.	See CD #1, Doc. No. 00015383
3- 143	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 144	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 145	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 page 15 (plan no. 6544-101.34), Part I Section 8 Page 2, and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 146	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
3- 147	CRO 000211. Crab Orchard National Wildlife Refuge Industrial Unit, March 18, 1955; Analysis of Industrial Tenants Employing Labor.	See CD #2, Doc. No. 00025038
3- 148	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054

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3- 149	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 page 15 (plan no. 6544-101.34), Part I Section 7 Page 17, Part I Section 8 Page 1, and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 150	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 8 Page 22.	See CD #1, Doc. No. 00009321
3- 151	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 8 Page 22.	See CD #1, Doc. No. 00009321
3- 152	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5. The 1960 aerial photograph shows Building B-2-12 included in Area 2D. However, this building is included in Area 2B.	See CD #3, Doc. ENTECH02
3- 153	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 5 and 6. The 1960 and 1965 aerial photographs show Building B-2-12 included in Area 2D. However, this building is included in Area 2B.	See CD #3, Doc. ENTECH02
3- 154	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 2, and 10.	See CD #1, Doc. No. 00007524
3- 155	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 156	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 page 15 (plan no. 6544-101.34), Part I Section 8 Page 1, and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 157	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 8 Page 23.	See CD #1, Doc. No. 00009321
3- 158	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 8 Page 23.	See CD #1, Doc. No. 00009321
3- 159	PRI-006700. Olin inter office memo entitled B-2-13 Suggested Hazard Corrections (Ref. N.J. Wilkaitis – Hazard Analysis 12-20-76), dated April 18, 1977, Page 2.	See CD #1, Doc. No. 00015520
3- 160	PRI-006699, PRI-006704, and PRI-006705. Olin inter office memo entitled B-2-13 Suggested Hazard Corrections (Ref. N.J. Wilkaitis – Hazard Analysis 12-20-76), dated April 18, 1977, Page 1 and attached maps.	See CD #1, Doc. No. 00015520
3- 161	PRI-006703. Olin inter office memo entitled B-2-13 Suggested Hazard Corrections (Ref. N.J. Wilkaitis – Hazard Analysis 12-20-76), dated April 18, 1977, Page 4.	See CD #1, Doc. No. 00015520
3- 162	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
3- 163	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
3- 164	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P

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3- 165	PRI-016328. Olin inter office memo entitled B-2-13 and B-2-15 Cleanup Operations, dated April 27, 1983, Page 1.	See CD #2, Doc. No. 00026520
3- 166	DPRA Document No. 00012470/PRI-003031. Olin, Receiving Report for 44,000 (880 bags) of ammonium nitrate being unloaded at B-2-13, dated November 1, 1985.	See CD #1, Doc. No. 00012470
3- 167	DPRA Document No. 00015520/PRI-006700. Olin, Inter Office Memo entitled "B-2-13 Suggested Hazard Corrections," dated April 18, 1977, Page 2.	See CD #1, Doc. No. 00015520
3- 168	DPRA Document No. 00011698/PRI-012444. Olin Defense Systems Ordnance, Receiving Report for guanadine nitrate, dated July 20, 1987.	See CD #1, Doc. No. 00011698
3- 169	DPRA Document No. 00012338/PRI-003617. Olin Corporation, Hazardous Material Shipping Manifest for Intra-Plant Transfer, Rev. E 5/83, Page 2.	See CD #1, Doc. No. 00012338
3- 170	DPRA Document No. 00011723/PRI-012463. Olin, Letter to Hummel Chemical Company regarding Olin's purchase of guanidine nitrate, dated July 16, 1987.	See CD #1, Doc. No. 00011723
3- 171	DPRA Document No. 00026520/PRI-016329. Olin, Inter Office Memo entitled B-2-13 and B-2-15 Cleanup Operations, dated April 27, 1983, Page 2.	See CD #2, Doc. No. 00026520
3- 172	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 173	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 174	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 175	PRI-016717. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 176	PRI-006598. Olin Corporation. Olin-Marion Wastewater Discharges/Sources: Group A, Status Report, dated November 11, 1985.	See CD #1, Doc. No. 00015583
3- 177	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 178	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 179	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 180	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
3- 181	PRI-016328 and PRI-016329. Olin inter office memo entitled B-2-13 and B-2-15 Cleanup Operations, dated April 27, 1983, Pages 1 and 2.	See CD #2, Doc. No. 00026520
3- 182	PRI-016329. Olin inter office memo entitled B-2-13 and B-2-15 Cleanup Operations, dated April 27, 1983, Page 2.	See CD #2, Doc. No. 00026520

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3- 183	PRI-016549. Olin-Marion Wastewater Discharges/Sources: Group A, Status Report, dated January 16, 1986.	See CD #2, Doc. No. 00026938
3- 184	PRI-016553. Olin inter office memo entitled Request for Assistance, 1.) B-2-13 Scrap, 2.) D Area Sumps, dated May 1, 1987, Page 1.	See CD #2, Doc. No. 00026936
3- 185	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 186	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
3- 187	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 188	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5. The 1960 aerial photograph shows the location for IOP Building B-2-14 included in Area 2D. However, this building is included in Area 2B.	See CD #3, Doc. ENTECH02
3- 189	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 5 and 6. The 1960 and 1965 aerial photographs show the location for IOP Building B-2-14 included in Area 2D. However, this building is included in Area 2B.	See CD #3, Doc. ENTECH02
3- 190	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8. The 1971 and 1980 aerial photographs show the location for Olin Building B-2-14 included in Area 2D. However, this building is included in Area 2B.	See CD #3, Doc. ENTECH02
3- 191	PRI-016297 - PRI-016298. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Pages 1 and 2.	See CD #2, Doc. No. 00026410
3- 192	PRI-016550. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
3- 193	PRI-016299. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 3.	See CD #2, Doc. No. 00026410
3- 194	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 195	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 2, and 10.	See CD #1, Doc. No. 00007524
3- 196	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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3- 197	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (plan no. 6544-101.34) and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 198	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH02
3- 199	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8. The 1971 and 1980 aerial photographs show the location for Olin Building B-2-15 included in Area 2D. However, this building is included in Area 2B.	See CD #3, Doc. ENTECH02
3- 200	PRI-016328. Olin inter office memo entitled B-2-13 and B-2-15 Cleanup Operations, dated April 27, 1983, Page 1.	See CD #2, Doc. No. 00026520
3- 201	PRI-00249. Document from the Olin files entitled "B & D Area Dust Collectors," Page 2.	See CD #1, Doc. No. 00013477
3- 202	PRI-003633. Olin inter office memo entitled B-2-15/B-2-13 Mixhouses, Page 2.	See CD #1, Doc. No. 00012306
3- 203	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 204	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 205	PRI-016355. Olin inter office memo entitled Point Source Discharges, dated November 10, 1983.	See CD #2, Doc. No. 00026566
3- 206	PRI-016355. Olin inter office memo entitled Point Source Discharges, dated November 10, 1983.	See CD #2, Doc. No. 00026566
3- 207	PRI-016355. Olin inter office memo entitled Point Source Discharges, dated November 10, 1983.	See CD #2, Doc. No. 00026566
3- 208	PRI-016333, PRI-016337, and PRI-016338. Environmental analysis for Olin by ARDL Incorporated for samples collected during 1983.	See CD #2, Doc. No. 00026527
3- 209	DPRA Document No. 00026909/PRI-016526. Olin, Inter Office Memo entitled "Wipe samples (walls - B-2-15)," dated May 28, 1985.	See CD #2, Doc. No. 00026909
3- 210	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 211	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 212	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (plan no. 6544-101.34).	See CD #1, Doc. No. 00009321
3- 213	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH02

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3- 214	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8. The 1971 and 1980 aerial photographs show the location for Olin Building B-2-16 included in Area 2D. However, this building is included in Area 2B.	See CD #3, Doc. ENTECH02
3- 215	PRI-016806. Olin Corporation, Olin-Marion Wastewater Program - Status 07/30/86.	See CD #2, Doc. No. 00027104
3- 216	PRI-009229. Olin inter office memo entitled Staff Safety Audit, dated May 25, 1988.	See CD #1, Doc. No. 00013061
3- 217	DPRAs Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 218	This may be done because the majority of solid propellant assembly operations are in Area 2D.	This footnote either provides additional information or further clarifies the text; no document is referenced.
3- 219	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 220	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 221	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 5 Page 15 (plan no. 6544-101.34) and Part II Section 4 Sheet 7.	See CD #1, Doc. No. 00009321
3- 222	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH02
3- 223	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8. The 1971 and 1980 aerial photographs show the location for Olin Building B-2-17 included in Area 2D. However, this building is included in Area 2B.	See CD #3, Doc. ENTECH02
3- 224	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 225	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
3- 226	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 2, and 10.	See CD #1, Doc. No. 00007524
3- 227	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 228	PRI-009228. Olin inter office memo entitled Staff Safety Audit, dated May 25, 1988.	See CD #1, Doc. No. 00013061
3- 229	PRI-016713. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057

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3- 230	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 231	PRI-016806. Olin Corporation, Olin-Marion Wastewater Program – Status 07/30/86.	See CD #2, Doc. No. 00027104
3- 232	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 233	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 234	PRI-009229. Olin inter office memo entitled Staff Safety Audit, dated May 25, 1988.	See CD #1, Doc. No. 00013061
3- 235	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 236	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 237	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 238	DPRA Document No. 00018990/DOI 001743. Olin, Building Usage, Lease #14-19-008-2675, April-June 1983.	See CD #2, Doc. No. 00018990
3- 239	PRI-009228. Olin inter office memo entitled Staff Safety Audit, dated May 25, 1988.	See CD #1, Doc. No. 00013061
3- 240	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 241	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 242	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 243	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 244	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 245	DPRA Document No. 00018990/DOI 001743. Olin, Building Usage, Lease #14-19-008-2675, April-June 1983.	See CD #2, Doc. No. 00018990
3- 246	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156

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3- 247	DPR A Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 248	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 249	DPR A Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
3- 250	DPR A Document No. 00018990/DOI 001743. Olin, Building Usage, Lease #14-19-008-2675, April-June 1983.	See CD #2, Doc. No. 00018990
3- 251	DPR A Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 2, and 10.	See CD #1, Doc. No. 00007524
3- 252	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 253	DPR A Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Page 15.	See CD #1, Doc. No. 00015017
3- 254	DPR A Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Page 12.	See CD #1, Doc. No. 00015017
3- 255	DPR A Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
3- 256	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
3- 257	Entech, Inc., August 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume I: Text, Page 3-11.	See CD #3, Doc. ENTECHV1
3- 258	Entech, Inc., August 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume II: Maps, Page E.	See CD #3, Doc. ENTECHV2
3- 259	Entech, Inc., August 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume II: Maps, Page E.	See CD #3, Doc. ENTECHV2
3- 260	ACO 005047 - ACO 005109. Office of Field Director of Ammunition Plants, Shut-Down and Decontamination Procedures for F.D.A.P. Facilities.	See CD #2, Doc. No. 00026036
3- 261	ACO 004979 – ACO 004980. CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00026036

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3- 262	ACO 005070. Office of Field Director of Ammunition Plants, "Shut-Down and Decontamination Procedures for F.D.A.P. Facilities," Page 19.	See CD #2, Doc. No. 00026036
3- 263	Environmental Science & Engineering, Inc., 1992, Uncharacterized Sites Report, Page 6.	See CD #2, Doc. No. 00028166
3- 264	Environmental Science & Engineering, Inc., 1992, Uncharacterized Sites Report, Page 6.	See CD #2, Doc. No. 00028166
3- 265	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
3- 266	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
3- 267	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
3- 268	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
3- 269	Deposition of George Wisely, June 28, 1999, Page 178.	See CD #3, Doc. WISELY0628
3- 270	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
3- 271	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
3- 272	NAR 0766. Sanitary Survey conducted by the Sixth Service Command, dated April 12, 1943.	See CD #2, Doc. No. 00025958
3- 273	Deposition of John Miller, April 9, 1998, Page 76.	See CD #1, Doc. No. 00004133
3- 274	Deposition of John Miller, April 9, 1998, Page 76.	See CD #1, Doc. No. 00004133
3- 275	Deposition of John Miller, April 9, 1998, Page 120.	See CD #1, Doc. No. 00004133
3- 276	PRI-002629. 1975 Safety Performance Technical Systems Operation, Marion, Illinois, from the Olin files collection.	See CD #1, Doc. No. 00015383
3- 277	DPRA Document No. 00009327. Illinois Ordnance Plant, Report on Condition for Extended Non-use of Illinois Ordnance Plant, Carbondale, Illinois, for Reconstruction Finance Corporation, Office of Defense Plants, dated January 1, 1946, Pages 19 and 20.	See CD #1, Doc. No. 00009327
3- 278	DPRA Document No. 00009327. Illinois Ordnance Plant, Report on Condition for Extended Non-use of Illinois Ordnance Plant, Carbondale, Illinois, for Reconstruction Finance Corporation, Office of Defense Plants, dated January 1, 1946, Plan No. 6544-502.75	See CD #1, Doc. No. 00009327
3- 279	PRI-00622. Olin, "Oct. 1979 PCB Transformer Inventory, (B-Area)."	See CD #1, Doc. No. 00014140
3- 280	PRI-00622. Olin, "Oct. 1979 PCB Transformer Inventory, (B-Area)."	See CD #1, Doc. No. 00014140
3- 281	PRI-00622. Olin, "Oct. 1979 PCB Transformer Inventory, (B-Area)."	See CD #1, Doc. No. 00014140
3- 282	ACO 002491. Olin, 1981 PCB Annual Document, dated June 22, 1982.	See CD #2, Doc. No. 00022570
3- 283	DOI 004335. Olin, 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488

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3- 284	DOI 004358. Olin, 1983 PCB Annual Document "PCBs and PCB Items in Service or Projected for Disposal," Table I - F-2-4 Olin-Marion Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
3- 285	DOI 004385. Applied Research & Development Laboratory, report regarding PCB transformer samples, dated January 18, 1984.	See CD #2, Doc. No. 00021492
3- 286	DOI 004382A. Olin, Uniform Hazardous Waste Manifest Number IL 11495313, dated December 1984.	See CD #2, Doc. No. 00021492
3- 287	DOI 004382A. Olin, Uniform Hazardous Waste Manifest Number IL 11495313, dated December 1984.	See CD #2, Doc. No. 00021492
3- 288	DOI 004382A. Olin, Uniform Hazardous Waste Manifest Number IL 11495313, dated December 1984.	See CD #2, Doc. No. 00021492
3- 289	PRI-00622. Olin, "Oct. 1979 PCB Transformer Inventory, (B-Area)."	See CD #1, Doc. No. 00014140
3- 290	ACO 002491. Olin, 1981 PCB Annual Document, dated June 22, 1982.	See CD #2, Doc. No. 00022570
3- 291	DOI 004335. Olin, 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
3- 292	DOI 004358. Olin, 1983 PCB Annual Document "PCBs and PCB Items in Service or Projected for Disposal," Table I - F-2-4 Olin-Marion Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
3- 293	DOI 004385. Applied Research & Development Laboratory, report regarding PCB transformer samples, dated January 18, 1984.	See CD #2, Doc. No. 00021492
3- 294	DOI 004382A. Olin, Uniform Hazardous Waste Manifest Number IL 11495313, dated December 1984.	See CD #2, Doc. No. 00021492
3- 295	DOI 004382A. Olin, Uniform Hazardous Waste Manifest Number IL 11495313, dated December 1984.	See CD #2, Doc. No. 00021492
3- 296	DOI 004382A. Olin, Uniform Hazardous Waste Manifest Number IL 11495313, dated December 1984.	See CD #2, Doc. No. 00021492
3- 297	PRI-00622. Olin, "Oct. 1979 PCB Transformer Inventory, (B-Area)."	See CD #1, Doc. No. 00014140
3- 298	ACO 002491. Olin, 1981 PCB Annual Document, dated June 22, 1982.	See CD #2, Doc. No. 00022570
3- 299	DOI 004335. Olin, 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
3- 300	DOI 004358. Olin, 1983 PCB Annual Document "PCBs and PCB Items in Service or Projected for Disposal," Table I - F-2-4 Olin-Marion Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
3- 301	DOI 004385. Applied Research & Development Laboratory, report regarding PCB transformer samples, dated January 18, 1984.	See CD #2, Doc. No. 00021492
3- 302	DOI 004382A. Olin, Uniform Hazardous Waste Manifest Number IL 11495313, dated December 1984.	See CD #2, Doc. No. 00021492
3- 303	DOI 004382A. Olin, Uniform Hazardous Waste Manifest Number IL 11495313, dated December 1984.	See CD #2, Doc. No. 00021492

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3- 304	DOI 004382A. Olin, Uniform Hazardous Waste Manifest Number IL 11495313, dated December 1984.	See CD #2, Doc. No. 00021492
3- 305	ACO 002491. Olin, 1981 PCB Annual Document, dated June 22, 1982.	See CD #2, Doc. No. 00022570
3- 306	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 307	ACO 002491. Olin, 1981 PCB Annual Document, dated June 22, 1982.	See CD #2, Doc. No. 00022570
3- 308	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 309	ACO 002491. Olin, 1981 PCB Annual Document, dated June 22, 1982.	See CD #2, Doc. No. 00022570
3- 310	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 311	PRI-00622. Olin, "Oct. 1979 PCB Transformer Inventory, (B-Area)."	See CD #1, Doc. No. 00014140
3- 312	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 313	PRI-00622. Olin, "Oct. 1979 PCB Transformer Inventory, (B-Area)."	See CD #1, Doc. No. 00014140
3- 314	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 315	PRI-00622. Olin, "Oct. 1979 PCB Transformer Inventory, (B-Area)."	See CD #1, Doc. No. 00014140
3- 316	DOI 004414. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 317	PRI-00622. Olin, "Oct. 1979 PCB Transformer Inventory, (B-Area)."	See CD #1, Doc. No. 00014140
3- 318	DOI 004402. Industrial Testing Laboratories, Inc., Report No., 84-7-165, dated August 8, 1984.	See CD.#2, Doc. No. 00021587
3- 319	DOI 004412 and DOI 004415. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00001 and 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 320	DOI 004394. Olin, Uniform Hazardous Waste Manifest Number IL 1310998, May 2, 1985.	See CD #2, Doc. No. 00021494
3- 321	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 322	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 323	DOI 002493. Olin, 1982 PCB Annual Document for "PCB Transformers in Service."	See CD #2, Doc. No. 00022570

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3- 324	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 325	DOI 002493. Olin, 1982 PCB Annual Document for "PCB Transformers in Service."	See CD #2, Doc. No. 00022570
3- 326	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 327	DOI 002493. Olin, 1982 PCB Annual Document for "PCB Transformers in Service."	See CD #2, Doc. No. 00022570
3- 328	DOI 004412 and DOI 004415. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00001 and 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 329	DOI 004398. Olin, Uniform Hazardous Waste Manifest Number IL 1311047, November 20, 1985.	See CD #2, Doc. No. 00021583
3- 330	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 331	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 332	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 333	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 334	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 335	DOI 004412 - DOI 004425. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 336	DOI 004418. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986.	See CD #2, Doc. No. 00021594 (CBI Redacted)
3- 337	DOI-001780 through DOI-001782. This is an obsolete MSDS list from Olin's file. It contains an index of chemicals on file prior to the OSHA hazard communication law.	See CD #2, Doc. No. 00018928
3- 338	FWM 000098 - FWM 000099. Olin Corporation, Letter to Crab Orchard National Wildlife Refuge regarding special Wastes and the possibility of storing them in refuge buildings, dated May 8, 1981.	See CD #2, Doc. No. 00024688
3- 339	DOI 002359. Olin Corporation, Illinois Environmental Protection Agency, Generator Annual Hazardous Waste Report, dated February 23, 1984, Page 002.	See CD #2, Doc. No. 00019124
3- 340	DOI 002616. Olin Corporation, Hazardous Waste Facility Closure Plan, Ordill Industrial Area, S.O.P. 90,356, REV. K 9/88, dated October 4, 1988, Page 39.	See CD #2, Doc. No. 00019176
3- 341	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH02

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3- 342	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH02
3- 343	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
3- 344	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
3- 345	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
3- 346	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
3- 347	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
3- 348	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Woolen. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
3- 349	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
3- 350	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
3- 351	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
3- 352	USEPA. 1999a. National Recommended Water Quality Criteria—Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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3- 353	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm
3- 354	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins - Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
3- 355	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225
3- 356	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
3- 357	These classifications were obtained from the Department of Transportation Hazmat Transport Regulations, 49 CFR 173.58: Assignment of class and division for new explosives.	This footnote either provides additional information or further clarifies the text; no document is referenced.
3- 358	This indicated either maximum amount allowed in a particular building/bay, or it indicated the amount that was actually located in these buildings at the time the map was created.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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4- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13).	See CD #1, Doc. No. 00009321
4- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13).	See CD #1, Doc. No. 00009321
4- 3	Changes to the general structure of Area 2D were observed during the Phase I Site Inspection on April 13, 1999.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 4	DOI 007946. Pursuant to Section 104(e) of CERCLA, Response to First Set of Information Requests for Unidynamics/Phoenix, dated September 14, 1989, Page 2.	See CD #2, Doc. No. 00020382
4- 5	Deposition of Harvey Pitt, November 19, 1997. Pages 12, 13, and 41.	See CD #1, Doc. No. 00004119
4- 6	DOI 008153 – DOI 008156. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Pages 1 - 4.	See CD #2, Doc. No. 00026132
4- 7	Deposition of Harvey Pitt, November 19, 1997, Pages 54-55.	See CD #1, Doc. No. 00004119
4- 8	DOI 001461 – DOI 001467. Eleventh Amendment of Lease Contract No. 14-19-0008-2675, by and between Olin Mathieson Chemical Corporation and the Bureau of Sport Fisheries and Wildlife, United States Fish and Wildlife Service, dated September 1, 1964. Note that Tract G is referring to Area 2D.	See CD #2, Doc. No. 00018769
4- 9	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
4- 10	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
4- 11	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 3-1.	See CD #2, Doc. No. 00026221
4- 12	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), throughout Chapters 7 and 8 (specifically Pages 7-1, 7-5, 7-11, and 8-45).	See CD #2, Doc. No. 00026221
4- 13	NAR-000227. Illinois Ordnance Plant, Carbondale, Illinois, Illinois Ordnance Plant, Historical Record, April 1st, 1943 to June 30th, 1943, Exhibit 9.	See CD #2, Doc. No. 00023030
4- 14	NAR-000227. Illinois Ordnance Plant, Carbondale, Illinois, Illinois Ordnance Plant, Historical Record, April 1st, 1943 to June 30th, 1943, Exhibit 9.	See CD #2, Doc. No. 00023030
4- 15	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 7-18.	See CD #2, Doc. No. 00026221
4- 16	Deposition of Harvey Pitt, November 19, 1997, Page 47.	See CD #1, Doc. No. 00004119

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4- 17	U.S. ACE, 1993, Ordnance and Explosive Waste Archives Search Report for Former Illinois Ordnance Plant Marion, IL, Appendix D-12G.	See CD #2, Doc. No. 00028115
4- 18	NAR-000379. Illinois Ordnance Plant, Carbondale, Illinois, Illinois Ordnance Plant, Historical Record, July 1st, 1943 to September 30th, 1943, Reference No. 20 to the report.	See CD #2, Doc. No. 00023043
4- 19	NAR-000293. Illinois Ordnance Plant, Carbondale, Illinois, Illinois Ordnance Plant, Historical Record, July 1st, 1943 to September 30th, 1943, Page 20.	See CD #2, Doc. No. 00023043
4- 20	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
4- 21	Deposition of Harvey Pitt, November 19, 1997. Pages 12, and 53-55.	See CD #1, Doc. No. 00004119
4- 22	DOI 007951. Pursuant to Section 104(e) of CERCLA, Response to First Set of Information Requests for Unidynamics/Phoenix, dated September 14, 1989, Page 2.	See CD #2, Doc. No. 00020382
4- 23	Deposition of Harvey Pitt, November 19, 1997, Page 52.	See CD #1, Doc. No. 00004119
4- 24	Harvey Pitt, personal interview, April 18, 1991, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-20.	See CD #3, Doc. PITT,TECHLAW
4- 25	Deposition of Harvey Pitt, November 19, 1997, Page 53.	See CD #1, Doc. No. 00004119
4- 26	Deposition of Harvey Pitt, November 19, 1997, Pages 55 and 73.	See CD #1, Doc. No. 00004119
4- 27	DOI 008156. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 4.	See CD #2, Doc. No. 00026132
4- 28	Deposition of Harvey Pitt, November 19, 1997, Pages 71-72, 76 and 87.	See CD #1, Doc. No. 00004119
4- 29	DOI 008154 and DOI 008155. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Pages 2 and 3.	See CD #2, Doc. No. 00026132
4- 30	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-17.	See CD #3, Doc. MODGLIN,V
4- 31	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-17.	See CD #3, Doc. MODGLIN,V
4- 32	DOI 008155. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 3.	See CD #2, Doc. No. 00026132
4- 33	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
4- 34	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
4- 35	Deposition of Robert Myers, April 10, 1998, Pages 70, 80-81, and 105.	See CD #1, Doc. No. 00004173
4- 36	DOI 001461 – DOI 001467. Eleventh Amendment of Lease Contract No. 14-19-0008-2675, by and between Olin Mathieson Chemical Corporation and the Bureau of Sport Fisheries and Wildlife, United States Fish and Wildlife Service, dated September 1, 1964. Note that Tract G is referring to Area 2D.	See CD #2, Doc. No. 00018769

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
4- 37	PRI-002573. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 38	PRI-002662 and PRI-002572. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 39	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 40	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
4- 41	Deposition of Harvey Pitt, November 19, 1997, Pages 20 and 130.	See CD #1, Doc. No. 00004119
4- 42	Deposition of Charles Funk, April 9, 1998, Pages 10, 43, and 52.	See CD #1, Doc. No. 00004122
4- 43	Deposition of George Wisely, June 28, 1999, Page 20.	See CD #3, Doc. WISELY0628
4- 44	Deposition of Robert Myers, April 10, 1998, Page 44.	See CD #1, Doc. No. 00004173
4- 45	Harvey Pitt, personal interview, June 29, 1999.	See CD #3, Doc. PITT,H
4- 46	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 9-4.	See CD #2, Doc. No. 00026221
4- 47	Deposition of Robert Myers, April 10, 1998, Page 44.	See CD #1, Doc. No. 00004173
4- 48	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 9-4.	See CD #2, Doc. No. 00026221
4- 49	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 9-5. A propellant's grain determines its shape and size. Ball powder, for instance, has a ball grain, which means it is small in size and round. Larger propellant systems can have grains that are cords, sheets, pellets, or perforated cords.	See CD #2, Doc. No. 00026221
4- 50	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
4- 51	ACO 002394. Pursuant to Section 104(e) of CERCLA, Responses of Olin Corporation to First Set of Information Requests, Crab Orchard National Wildlife Refuge, dated September 12, 1989, Page 21.	See CD #2, Doc. No. 00018644
4- 52	Deposition of George Wisely, July 15, 1999, Page 26.	See CD #1, Doc. No. 00004216
4- 53	Deposition of George Wisely, July 15, 1999, Page 55.	See CD #1, Doc. No. 00004216
4- 54	Deposition of John Miller, April 9, 1998, Page 57.	See CD #1, Doc. No. 00004133
4- 55	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 56	Harvey Pitt interview on July 29, 1999. See interview notes in Appendix D of this report—there were a number of inconsistencies in Pitt's recollections of building numbers.	See CD #3, Doc. PITT,H

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
4- 57	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993 (except in Area 2, which was analyzed from 1960-1993). The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH02
4- 58	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 59	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Sect. 5 Page 7 (Plan No. 6544-101.13), and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 60	Illinois Ordnance Plant, Carbondale, Illinois, Plan No. 6544-400.52, dated December 29, 1941.	See CD #2, Doc. No. CO01669
4- 61	Illinois Ordnance Plant, Carbondale, Illinois, Plan No. 6544-440.18, dated February 23, 1942.	See CD #2, Doc. No. CO01711
4- 62	Illinois Ordnance Plant, Carbondale, Illinois, Plan No. 6544-501.10, dated December 6, 1941.	See CD #2, Doc. No. CO01854
4- 63	Harvey Pitt, personal interview, June 29, 1999.	See CD #3, Doc. PITT,H
4- 64	PRI-002064. Olin Corporation, Inspection Report, dated January 18, 1984, Page 2.	See CD #1, Doc. No. 00009499
4- 65	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 66	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 67	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4 Sheet 4.	See CD #1, Doc. No. 00009321
4- 68	Harvey Pitt, personal interview, June 29, 1999.	See CD #3, Doc. PITT,H
4- 69	PRI-004067. Olin inter office memo entitled "Safety Survey of Buildings D-1-4, 6, 7, and 8," dated January 30, 1970, Page 1.	See CD #1, Doc. No. 00012252
4- 70	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 71	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 72	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321

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4- 73	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 1 indicates Building D-1-4 is the similar in structure to B-2-6; and Part I, Section 8, Page 20 is a drawing/floor plan of Building B-2-6. Part I, Section 7, Page 13 (b/w photo of D-1-4).	See CD #1, Doc. No. 00009321
4- 74	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Page 3.	See CD #1, Doc. No. 00009321
4- 75	Harvey Pitt, personal interview, June 29, 1999.	See CD #3, Doc. PITT,H
4- 76	John R. Hempler Affidavit, dated September 13, 1989.	See CD #2, Doc. No. 00026129
4- 77	DOI 008154. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 2.	See CD #2, Doc. No. 00026132
4- 78	Based on information from the U.S. Air Force web site, LUU designates a series of flares. The 10/B may be a ground illuminating flare. What "LUU" stands for was not determined.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 79	PRI-002065 and PRI-002066. Olin Corporation, Inspection Report, dated January 18, 1984, Pages 4 and 5.	See CD #1, Doc. No. 00009499
4- 80	PRI-016715. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 81	PRI-016535. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated December 30, 1986.	See CD #2, Doc. No. 00026922
4- 82	PRI-006599. Olin Corporation. Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated November 11, 1985.	See CD #1, Doc. No. 00015583
4- 83	PRI-016550. Olin Corporation. Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
4- 84	DOI 002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 2.	See CD #2, Doc. No. 00019157
4- 85	DPRA Document No. 00007524. Building and igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 86	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 87	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5; Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 88	DOI 008154. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 2.	See CD #2, Doc. No. 00026132
4- 89	DPRA Document No. 00006467. CONWR, List of Buildings on the Refuge containing information such as FWS Building Numbers, Army Building Numbers, and Square Footage (date unknown).	See CD #1, Doc. No. 00006467

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4- 90	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
4- 91	DOI 003204 and DOI 003211. Olin Corporation, Certification Regarding Potential Releases from Solid Waste Management Units (Closure Plan Review), March 1987, Pages 3 and 12	See CD #2, Doc. No. 00019365
4- 92	DOI 003229. Olin Corporation, Attachment 1: Container Storage Area and Attachment 4: Site Plan - D, B, F Area, both submitted as attachments to Olin's	See CD #2, Doc. No. 00019368
4- 93	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 94	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 95	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 96	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
4- 97	DOI 008154. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 2.	See CD #2, Doc. No. 00026132
4- 98	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
4- 99	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 100	PRI-016185. Olin inter office memo entitled Special Survey - Sumps, Traps, and Vacuum Systems, dated April 20, 1981, Page 1.	See CD #2, Doc. No. 00026154
4- 101	Deposition of George T. Wisely, February 15, 1999, Pages 67-68.	See CD #1, Doc. No. 00004216
4- 102	Deposition of George T. Wisely, February 15, 1999, Pages 67-68.	See CD #1, Doc. No. 00004216
4- 103	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Pages 3 and 4.	See CD #1, Doc. No. 00009321
4- 104	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 4.	See CD #1, Doc. No. 00009321
4- 105	DOI 008153, DOI 008154, and DOI 008155. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Pages 1, 2, and 3.	See CD #2, Doc. No. 00026132
4- 106	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 107	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 1 and Figure 2.	See CD #3, Doc. ENTECH02
4- 108	PRI-016185. Olin inter office memo entitled Special Survey - Sumps, Traps, and Vacuum Systems, dated April 20, 1981, Page 1.	See CD #2, Doc. No. 00026154

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4- 109	PRI-00248. Olin Corporation document entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 110	PRI-00248. Olin Corporation document entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 111	PRI-002066. Olin Corporation, Inspection Report, dated January 18, 1984, Page 5.	See CD #1, Doc. No. 00009499
4- 112	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 113	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 114	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
4- 115	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 116	Deposition of Harvey Pitt, November 19, 1997, Page 31. In his deposition, Mr. Pitt referred to Building "D-1-17," but was confused at the time. Later, during his personal interview (June 29, 1999), he confirmed the building was D-1-7.	See CD #1, Doc. No. 00004119
4- 117	Harvey Pitt, personal interview, June 29, 1999.	See CD #3, Doc. PITT,H
4- 118	DOI 008155. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 3.	See CD #2, Doc. No. 00026132
4- 119	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
4- 120	Harvey Pitt, personal interview, June 29, 1999.	See CD #3, Doc. PITT,H
4- 121	PRI-002078. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA (4,4'-Methylene(bis)-2-chloroaniline), dated July 31, 1973, Page 4.	See CD #1, Doc. No. 00009491
4- 122	PRI-013401. Olin, Standard Operating Procedure, S.O.P. No. 90,173, Scrap Collection for Incinerator – Bldg. D-1-7, Page 2.	See CD #1, Doc. No. 00009720
4- 123	PRI 002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 124	PRI-016698. Olin Corporation document, Recommendations for Correction and Prevention, Wastewater Discharges or Sources, Page 3.	See CD #2, Doc. No. 00027040
4- 125	PRI-015817, PRI-015819, and PRI-015820. Olin, Manufacturing and Inspection, Standard Operating Procedure, Document No. 8039104, Booster Sustainer Dome Flame-shield Assembly 3046651, dated October 1, 1979, Pages 1, 3, and 4.	See CD #1, Doc. No. 00011646
4- 126	PRI-00160/DPRA Document No. 00013793. Olin inter office memo, regarding EPA Operating Permits, dated November 12, 1979, from C. R. Moore/R. F. High to R. D. Altekruze.	See CD #1, Doc. No. 00013793

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4- 127	PRI-00160/DPRA Document No. 00013793. Olin inter office memo, regarding EPA Operating Permits, dated November 12, 1979, from C. R. Moore/R. F. High to R. D. Altekruse.	See CD #1, Doc. No. 00013793
4- 128	PRI-00248. Document from the Olin files entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 129	PRI-00248. Document from the Olin files entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 130	PRI-005087. Olin inter office memo entitled D & P Areas Drain Survey, dated March 10, 1983, Page 1.	See CD #1, Doc. No. 00009911
4- 131	DOI 002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 2.	See CD #2, Doc. No. 00019157
4- 132	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 133	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
4- 134	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 135	Harvey Pitt, personal interview, June 29, 1999.	See CD #3, Doc. PITT,H
4- 136	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
4- 137	DOI 008154, DOI 008155, and DOI 0081565. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Pages 2, 3, and 4.	See CD #2, Doc. No. 00026132
4- 138	PRI-002075 and PRI-002077. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA (4,4'-Methylene(bis)-2-chloroaniline), dated July 31, 1973, Pages 1 and 3.	See CD #1, Doc. No. 00009491
4- 139	PRI-002077. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA (4,4'-Methylene(bis)-2-chloroaniline), dated July 31, 1973, Page 3.	See CD #1, Doc. No. 00009491
4- 140	PRI-002077. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA (4,4'-Methylene(bis)-2-chloroaniline), dated July 31, 1973, Page 3.	See CD #1, Doc. No. 00009491
4- 141	PRI-016385. Olin inter office memo entitled NG Contamination of Sump at D-1-8, dated April 15, 1982.	See CD #2, Doc. No. 00026681
4- 142	PRI-006685. Olin inter office memo entitled D and B Area Safety Inspection, dated July 18, 1977.	See CD #1, Doc. No. 00015510
4- 143	PRI-006685. Olin inter office memo entitled D and B Area Safety Inspection, dated July 18, 1977.	See CD #1, Doc. No. 00015510
4- 144	PRI-006685. Olin inter office memo entitled D and B Area Safety Inspection, dated July 18, 1977.	See CD #1, Doc. No. 00015510

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
4- 145	PRI-006685. Olin inter office memo entitled D and B Area Safety Inspection, dated July 18, 1977.	See CD #1, Doc. No. 00015510
4- 146	PRI-003620. Olin inter office memo entitled MOCA, dated September 16, 1985, Page 1.	See CD #1, Doc. No. 00012326
4- 147	Richard Altekruise, personal interview, July 14, 1999.	See CD #3, Doc. ALTEKRUSE,R
4- 148	PRI-009427. Olin inter office memo entitled MOCA and Asbestos, dated August 6, 1974, Page 1.	See CD #1, Doc. No. 00011858
4- 149	PRI-002078. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA (4,4'-Methylene(bis)-2-chloroaniline), dated July 31, 1973, Page 4.	See CD #1, Doc. No. 00009491
4- 150	PRI-002079. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA (4,4'-Methylene(bis)-2-chloroaniline), dated July 31, 1973, Page 4.	See CD #1, Doc. No. 00009491
4- 151	PRI-002079. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA (4,4'-Methylene(bis)-2-chloroaniline), dated July 31, 1973, Page 5.	See CD #1, Doc. No. 00009491
4- 152	PRI-016717. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 153	PRI-002079. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA (4,4'-Methylene(bis)-2-chloroaniline), dated July 31, 1973, Page 5.	See CD #1, Doc. No. 00009491
4- 154	PRI-013752. Olin Ordnance Products, Safety Procedure No. 45, MOCA, 4,4' Methylene is (2-Chloroaniline), dated Revised May, 1983.	See CD #1, Doc. No. 00009709
4- 155	PRI-00248. Olin Corporation document entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 156	PRI-00248. Olin Corporation document entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 157	PRI-00248. Olin Corporation document entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 158	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 159	PRI-016549. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group A, Status Report, dated January 16, 1986.	See CD #2, Doc. No. 00026938
4- 160	PRI-016656. Olin inter office memo entitled Dust Collector, D-1-8, dated April 18, 1983.	See CD #2, Doc. No. 00026978
4- 161	PRI-016535. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated December 30, 1986.	See CD #2, Doc. No. 00026922
4- 162	PRI-016696. Olin Corporation document, Recommendations for Correction and Prevention, Wastewater Discharges or Sources, Page 1.	See CD #2, Doc. No. 00027040
4- 163	PRI-016185. Olin inter office memo entitled Special Survey - Sumps, Traps, and Vacuum Systems, dated April 20, 1981, Page 1.	See CD #2, Doc. No. 00026154
4- 164	PRI-016711. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057

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4- 165	PRI-016299. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 3.	See CD #2, Doc. No. 00026410
4- 166	PRI-016550. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
4- 167	PRI-016299. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 3.	See CD #2, Doc. No. 00026410
4- 168	PRI-016732, PRI-016734, PRI-016736, PRI-016738, PRI-016739, and PRI-016741. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 169	PRI-016711. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 170	DOI 003199. Olin Corporation, Letter to Wayne Adams of Crab Orchard National Wildlife Refuge, regarding a revised request for Fish and Wildlife Approval, dated January 5, 1982.	See CD #2, Doc. No. 00019362
4- 171	PRI-016711. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 172	DOI 002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 2.	See CD #2, Doc. No. 00019157
4- 173	PRI-016599. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. No. 00026970
4- 174	PRI-016599. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. No. 00026970
4- 175	PRI-002077. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA [4,4'-Methylene(bis)-2-chloroaniline], dated July 31, 1973, Page 3.	See CD #1, Doc. No. 00009491
4- 176	PRI-016499 to PRI-016500. Olin inter office memo entitled "D" Area Sumps - For The Record, dated August 22, 1985, Pages 1 and 2.	See CD #2, Doc. No. 00026887
4- 177	PRI-016594 to PRI-016599. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. Nos. 00026968, 00026969, 00026989, and 00026970
4- 178	Deposition of George Wisely, June 28, 1999, Pages 177, 180-181, and 196-198.	See CD #3, Doc. WISELY0628
4- 179	DOI 003204. Olin Corporation, Certification Regarding Potential Releases from Solid Waste Management Units (Closure Plan Review), March 1987, Page 3.	See CD #2, Doc. No. 00019365
4- 180	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Page 12.	See CD #1, Doc. No. 00015017
4- 181	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524

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4- 182	DPRa Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
4- 183	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 184	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 185	DPRa Document No. 00006467. CONWR, List of Buildings on the Refuge containing information such as FWS Building Numbers, Army Building Numbers, and Square Footage (date unknown), Pages 6 and 10. Building D-1-9 is also known as USFWS Building #130.	See CD #1, Doc. No. 00006467
4- 186	Undated USFWS map of Area-IN with notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #3, Doc. MAP-IN
4- 187	1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
4- 188	CRO 001254. Lease Contract No. 14-19-003-2646 by and between U.S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 1956.	See CD #1, Doc. No. 00003311
4- 189	FWM 000968. Lease Contract No. 14-16-0003-4754 by and between U.S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 28, 1961.	See CD #2, Doc. No. 00024969
4- 190	FWM 000973. Cancellation, Lease No. 14-16-0003-4757, dated October 31, 1967.	See CD #2, Doc. No. 00026016
4- 191	FWM 000886. Lease Contract No. 14-16-0003-13,980 by and between Cubicon Corporation, dated December 10, 1973.	See CD #2, Doc. No. 00024943
4- 192	CRO 000304. Lease Contract No. 14-16-0003-12645 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central Fixtures Manufacturing Company, dated November 1967.	See CD #2, Doc. No. 00018837
4- 193	PRI-008163 – PRI-008164. Olin, Simulated OSHA Inspection, Marion, December 5 – 7, 1972, Standard 1910, Pages 7-8.	See CD #1, Doc. No. 00015546
4- 194	Deposition of George Wisely, July 15, 1999, Pages 55-56 and Exhibit 17.	See CD #1, Doc. No. 00004216
4- 195	DPRa Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 196	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 197	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321

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4- 198	DOI 008154. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 2.	See CD #2, Doc. No. 00026132
4- 199	PRI-005087. Olin inter office memo entitled D & P Areas Drain Survey, dated March 10, 1983, Page 1.	See CD #1, Doc. No. 00009911
4- 200	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 201	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 202	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13), Part I, Section 7, Page 13, and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 203	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 12.	See CD #1, Doc. No. 00009321
4- 204	Deposition of Harvey Pitt, November 19, 1997, Pages 9, 12, and 19.	See CD #1, Doc. No. 00004119
4- 205	Deposition of Harvey Pitt, November 19, 1997, Page 19.	See CD #1, Doc. No. 00004119
4- 206	DOI 004798. Olin report entitled Final Report, Unidentified Flammable Material Outside D-1-11, Incident Date 4 August 1988, (DOI 004797 – DOI 004801), Page 2, introduced by an Olin inter office memo entitled Unidentified Flammable Material Outside D-1-11, dated August 25, 1988.	See CD #2, Doc. No. 00021735
4- 207	DOI 008154. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 2.	See CD #2, Doc. No. 00026132
4- 208	PRI-002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 209	DOI 002500. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 3.	See CD #2, Doc. No. 00019157
4- 210	PRI-00248. Olin Corporation document entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 211	PRI-016698. Olin Corporation document, Recommendations for Correction and Prevention, Wastewater Discharges or Sources, Page 3.	See CD #2, Doc. No. 00027040
4- 212	PRI-006598. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group A, Status Report, 11 November 1985.	See CD #1, Doc. No. 00015583
4- 213	PRI-008508, PRI-008510, PRI-008512-PRI-008514. Olin document Accident Investigation Report, D-1-11 HEDP Pellet Detonation, dated November 1987.	See CD #1, Doc. No. 00015737
4- 214	DOI 002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 2.	See CD #2, Doc. No. 00019157

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4- 215	DOI 004798. Olin report entitled Final Report, Unidentified Flammable Material Outside D-1-11, Incident Date 4 August 1988, (DOI 004797 – DOI 004801), Page 2, introduced by an Olin inter office memo entitled Unidentified Flammable Material Outside D-1-11, dated August 25, 1988.	See CD #2, Doc. No. 00021735
4- 216	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 217	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 218	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 219	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 12.	See CD #1, Doc. No. 00009321
4- 220	DOI 008154. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 2.	See CD #2, Doc. No. 00026132
4- 221	DOI 004776 to DOI 004778. Two Olin inter office memos: one entitled Building D-1-12, dated February 18, 1986, and the second entitled Building D-1-12 Status, Response to Correspondence dated 18 Febr. 86, dated February 19, 1986 (memo contained MSDS sheets for the contaminant).	See CD #2, Doc. No. 00021724
4- 222	DOI 004777 to DOI 004779. Two Olin inter office memos: one entitled Building D-1-12, dated February 18, 1986, and the second entitled Building D-1-12 Status, Response to Correspondence dated 18 Febr. 86, dated February 19, 1986 (memo contained MSDS sheets for the contaminant).	See CD #2, Doc. No. 00021724
4- 223	DOI 004778. Two Olin inter office memos: one entitled Building D-1-12, dated February 18, 1986, and the second entitled Building D-1-12 Status, Response to Correspondence dated 18 Febr. 86, dated February 19, 1986 (memo contained MSDS sheets for the contaminant).	See CD #2, Doc. No. 00021724
4- 224	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 225	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 226	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13), Part I, Section 8, Page 1, and Part II, Section 4 Sheet 5.	See CD #1, Doc. No. 00009321
4- 227	Description of the assembly, sensitivity testing, and shipping portions of the detonator manufacturing process determined from building names and layout on the architectural drawings for the Detonator Load Line.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 228	DOI 008155. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 3.	See CD #2, Doc. No. 00026132
4- 229	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T

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4- 230	DOI 008155. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 3.	See CD #2, Doc. No. 00026132
4- 231	DPRA Document No. 00017580. Primex Technologies memorandum entitled Incident Investigation Report – D-1-13 Fire, dated February 17, 1998, Pages 1, 2, 3, 4, and 8.	See CD #2, Doc. No. 00017580
4- 232	DPRA Document No. 00017584. Primex Technologies, letter to Fish and Wildlife Service regarding replacing Building D-1-13, dated March 12, 1998.	See CD #2, Doc. No. 00017584
4- 233	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 234	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 235	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 236	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 237	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 238	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 239	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 240	PRI 002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 241	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 242	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 243	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 244	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 245	DOI 003204. Olin Corporation, Certification Regarding Potential Releases from Solid Waste Management Units (Closure Plan Review), March 1987, Page 3.	See CD #2, Doc. No. 00019365

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4- 246	DPR A Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 2-3.	See CD #1, Doc. No. 00007524
4- 247	DPR A Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
4- 248	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 249	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 250	PRI 002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 251	DOI 002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 2.	See CD #2, Doc. No. 00019157
4- 252	DPR A Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 253	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 254	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 255	Description of the drying process for lead azide was determined from the building names and layout on the architectural drawings for the Detonator Load Line.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 256	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH02
4- 257	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8.	See CD #3, Doc. ENTECH02
4- 258	PRI-003615. Attachment to an Olin inter office memo, attachment entitled *Chemicals/Assemblies Evaluation for I-1-1 Storage.	See CD #1, Doc. No. 00012336
4- 259	DPR A Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 260	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321

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4- 261	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 7-1.	See CD #2, Doc. No. 00026221
4- 262	Charlie Kersaw, Ralph Sloat, and Mark Vetter, personal (telephone) interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
4- 263	Charlie Kersaw, Ralph Sloat, and Mark Vetter, personal (telephone) interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
4- 264	Charlie Kersaw, Ralph Sloat, and Mark Vetter, personal (telephone) interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
4- 265	1965 and 1971 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
4- 266	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 267	PRI-016298. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 2.	See CD #2, Doc. No. 00026410
4- 268	PRI-016550. Olin Corporation. Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
4- 269	PRI-016299. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 3.	See CD #2, Doc. No. 00026410
4- 270	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 2, and 10.	See CD #1, Doc. No. 00007524
4- 271	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 272	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 273	Description of the drying process for lead azide was determined from the building names and layout on the architectural drawings for the Detonator Load Line.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 274	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 275	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 276	PRI-016499. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 1.	See CD #2, Doc. No. 00026887
4- 277	PRI-016186. Olin inter office memo entitled Special Survey – Sumps, Traps, and Vacuum Systems, dated April 20, 1981, Page 2.	See CD #2, Doc. No. 00026154

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4- 278	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 279	PRI-011667. Olin Corporation, Hazard Analysis of D-1-25 Complex, December 1978, Page 1.	See CD #2, Doc. No. 00017560
4- 280	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 281	PRI-016499. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 1.	See CD #2, Doc. No. 00026887
4- 282	PRI-016599. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. No. 00026970
4- 283	PRI-016715. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 284	Deposition of George Wisely, July 15, 1999, Page 23.	See CD #1, Doc. No. 00004216
4- 285	DOI 002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 2.	See CD #2, Doc. No. 00019157
4- 286	PRI-016499. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 1.	See CD #2, Doc. No. 00026887
4- 287	PRI-016594 to PRI-016599. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. Nos. 00026968, 00026969, 00026989, and 00026970
4- 288	Deposition of George Wisely, June 28, 1999, Pages 177, 180-181, and 196-198, and Exhibit 16.	See CD #3, Doc. WISELY0628
4- 289	PRI-016386. Olin Corporation, TSO Maintenance Request form originated by Olin employee Jean Schneiderman, dated January 28, 1983.	See CD #2, Doc. No. 00026684
4- 290	PRI-016550. Olin Corporation. Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
4- 291	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 292	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 293	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 294	Description of the drying process for lead azide was determined from the building names and layout on the architectural drawings for the Detonator Load Line.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 295	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02

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4- 296	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 297	Description of the drying process for lead azide was determined from the building names and layout on the architectural drawings for the Detonator Load Line.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 298	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 299	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 300	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 301	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 302	Description of the drying process for lead azide was determined from the building names and layout on the architectural drawings for the Detonator Load Line.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 303	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH02
4- 304	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 305	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 306	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 307	Use of the azide preparation building determined from building location and the current use of the building as a mix house as well as a logical progression of work from individual constituents to mixes prior to assembly.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 308	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH02
4- 309	PRI-016715. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 310	PRI-016715. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
4- 311	PRI-016500. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 2.	See CD #2, Doc. No. 00026887
4- 312	PRI-016596. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. No. 00026969
4- 313	Deposition of George Wisely, June 28, 1999, Pages 177, 180-181, and 196-198.	See CD #3, Doc. WISELY0628
4- 314	DOI 002500. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 3.	See CD #2, Doc. No. 00019157
4- 315	PRI-016550. Olin Corporation. Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
4- 316	PRI-016543. Olin inter office memo entitle "D-1-46 Sump," dated September 15, 1987.	See CD #2, Doc. No. 00026934
4- 317	DOI 002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 2.	See CD #2, Doc. No. 00019157
4- 318	DPR Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 319	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 320	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 321	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Page 4.	See CD #1, Doc. No. 00009321
4- 322	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 1.	See CD #1, Doc. No. 00009321
4- 323	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 14.	See CD #1, Doc. No. 00009321
4- 324	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
4- 325	PRI-011667. Olin Corporation, Hazard Analysis of D-1-25 Complex, December 1978, Page 1.	See CD #2, Doc. No. 00017560
4- 326	PRI-005175. Olin Corporation, D-1-43 Mix House, 18 October 1973, Page 8.	See CD #1, Doc. No. 00010015
4- 327	PRI-016599. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. No. 00026970
4- 328	PRI-005087. Olin inter office memo entitled D & P Areas Drain Survey, dated March 10, 1983, Page 1.	See CD #1, Doc. No. 00009911
4- 329	PRI-016346. Olin Corporation, 1983 Point Source Discharge Inventory, Page 1.	See CD #2, Doc. No. 00026533

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
4- 330	PRI-002063. Olin Corporation, Inspection Report, dated January 18, 1984, Page 1.	See CD #1, Doc. No. 00009499
4- 331	PRI-006686. Olin inter office memo entitled "D and B Area Safety Inspection," dated July 18, 1977, Page 2.	See CD #1, Doc. No. 00015510
4- 332	PRI-009229. Olin inter office memo entitled Staff Safety Audit, dated May 25, 1988.	See CD #1, Doc. No. 00013061
4- 333	PRI-016594 and PRI-016596. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. Nos. 00026968 and 00026969
4- 334	Deposition of George Wisely, June 28, 1999, Pages 177, 180-181, and 196-198.	See CD #3, Doc. WISELY0628
4- 335	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 336	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 337	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 338	DOI 008154. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 2.	See CD #2, Doc. No. 00026132
4- 339	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 6 and 7.	See CD #3, Doc. ENTECH02
4- 340	PRI-00533. Olin, Quarterly Report, Lease Contract No. 14-19-008-2675 and No. 14-16-0003-12613, dated June 30, 1980, Page 6.	See CD #1, Doc. No. 00014209
4- 341	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 342	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 343	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 344	DOI 008154. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Page 2.	See CD #2, Doc. No. 00026132
4- 345	PRI-013460, PRI-013461, and PRI-013468. Olin Corporation, Standard Operating Procedure, N.G. Casting – Solid Propellant Grains, S.O.P. No 90,163, Pages 1, 2, and 10.	See CD #1, Doc. No. 00009625
4- 346	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 8-9.	See CD #2, Doc. No. 00026221
4- 347	PRI-0006033. Olin Corporation, Material Safety Data Sheet, dated July 10, 1980.	See CD #1, Doc. No. 00014907

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
4- 348	PRI-002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 349	PRI-013460. Olin Corporation, Standard Operating Procedure, N.G. Casting – Solid Propellant Grains, S.O.P. No 90,163, Page 1.	See CD #1, Doc. No. 00009625
4- 350	PRI-002075. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA {4,4'-Methylene(bis)-2-chloroaniline}, dated July 31, 1973, Page 1.	See CD #1, Doc. No. 00009491
4- 351	PRI-002075 and PRI-002077. Olin inter office memo entitled Employee Exposures to Nitroglycerin and MOCA {4,4'-Methylene(bis)-2-chloroaniline}, dated July 31, 1973, Pages 1 and 3.	See CD #1, Doc. No. 00009491
4- 352	PRI-002063. Olin Corporation, Inspection Report, dated January 18, 1984, Page 1.	See CD #1, Doc. No. 00009499
4- 353	DPPA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 354	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 355	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 356	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 357	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 358	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 359	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 360	PRI-013879. Olin Ordnance, Safety Procedure No. 99, Revised: December, 1987, Hazardous Operations – Access Control, Page 2.	See CD #1, Doc. No. 00009603 (CBI Redacted)
4- 361	DPPA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 362	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 363	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
4- 364	Description of the drying process for lead azide was determined from the building names and layout on the architectural drawings for the Detonator Load Line.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 365	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 366	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 367	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 368	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 369	DOI 008156 to DOI 008158. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Pages 4 -6.	See CD #2, Doc. No. 00026132
4- 370	Deposition of John Miller, April 9, 1998, Pages 93- 94.	See CD #1, Doc. No. 00004133
4- 371	DOI 008156 to DOI 008158. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Pages 4 -6.	See CD #2, Doc. No. 00026132
4- 372	DOI 008156 to DOI 008157. Exhibit 1 to the John R. Hempler Affidavit, dated August 29, 1989, Pages 4 -5.	See CD #2, Doc. No. 00026132
4- 373	Deposition of John Miller, April 9, 1998, Pages 72-74, 93-94.	See CD #1, Doc. No. 00004133
4- 374	Robert High, personal interview, September 29, 1997.	See CD #3, Doc. HIGH,R
4- 375	Deposition of John Miller, April 9, 1998, Page 94.	See CD #1, Doc. No. 00004133
4- 376	Deposition of John Miller, April 9, 1998, Page 96.	See CD #1, Doc. No. 00004133
4- 377	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 378	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH02
4- 379	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH02
4- 380	DOI 004471. Olin Corporation, 1981, attachment to EPA Form, Notification of Hazardous Waste Site.	See CD #2, Doc. No. 00021620
4- 381	DOI 003205 and DOI 003211. Olin Corporation, Certification Regarding Potential Releases from Solid Waste Management Units (Closure Plan Review), Pages 4 and 10.	See CD #2, Doc. No. 00019365

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4- 382	DOI-004467. Olin Corporation, 1981, attachment to EPA Form, Notification of Hazardous Waste Site.	See CD #2, Doc. No. 00021620
4- 383	DOI-004467.	See CD #2, Doc. No. 00021620
4- 384	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 385	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH02
4- 386	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 387	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 388	Description of the drying process for lead azide was determined from the building names and layout on the architectural drawings for the Detonator Load Line.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 389	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 390	PRI-002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 391	DPRA Document No. 0007415. Olin Ordnance, letter to Crab Orchard National Wildlife Refuge requesting permission to open burn Building D-1-33 due to nitroglycerin contamination, dated August 8, 1990.	See CD #1, Doc. No. 00007415
4- 392	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 393	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 394	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 4.	See CD #1, Doc. No. 00009321
4- 395	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 396	PRI-013469 – PRI-013470. Olin Corporation, Standard Operating Procedure, Unloading N.G. Barrels at D-1-34, S.O.P. No. 90162, dated December 13, 1973, Pages 1 and 2.	See CD #1, Doc. No. 00009620
4- 397	PRI-013444 – PRI-013445. Olin Corporation, Standard Operating Procedure, N.G. Solvent Storage - D-1-34, S.O.P. No. 90166, dated 1974, Pages 1 and 2.	See CD #1, Doc. No. 00009660

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4- 398	PRI-002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 399	DPRA Document No. 0007415. Olin Ordinance, letter to Crab Orchard National Wildlife Refuge requesting permission to open burn Building D-1-33 due to nitroglycerin contamination, dated August 8, 1990.	See CD #1, Doc. No. 00007415
4- 400	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 401	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 402	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 403	PRI-016811. Olin Corporation, Olin-Marion Wastewater Program – Status 07/30/86, Wastewater Discharge/Source Inventory 7/30/86.	See CD #2, Doc. No. 00027104
4- 404	Deposition of John Miller, April 9, 1998, Page 57.	See CD #1, Doc. No. 00004133
4- 405	PRI-016811. Olin Corporation, Olin-Marion Wastewater Program – Status 07/30/86, Wastewater Discharge/Source Inventory 7/30/86.	See CD #2, Doc. No. 00027104
4- 406	PRI-002853 – PRI-002854. Olin, Supervisor's Investigation Report of Occupational Injury or Illness, dated September 28, 1979, Pages 1–2.	See CD #1, Doc. No. 00015145
4- 407	DPRA Document No. 00026949/PRI-006609. Olin, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00001.	See CD #2, Doc. No. 00026949
4- 408	PRI-016535. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated December 30, 1986.	See CD #2, Doc. No. 00026922
4- 409	PRI-016696. Olin Corporation document, Recommendations for Correction and Prevention, Wastewater Discharges or Sources, Page 1.	See CD #2, Doc. No. 00027040
4- 410	PRI-016811. Olin Corporation, Olin-Marion Wastewater Program – Status 07/30/86, Wastewater Discharge/Source Inventory 7/30/86.	See CD #2, Doc. No. 00027104
4- 411	PRI-016299. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 3.	See CD #2, Doc. No. 00026410
4- 412	PRI-016732, PRI-016734, PRI-016736, PRI-016738, PRI-016739, and PRI-016741. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 413	PRI-016550. Olin Corporation. Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
4- 414	PRI-016711. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
4- 415	Original IOP Plan No.6544-101.13, last revision, June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-13
4- 416	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 417	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 418	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 419	Deposition of Harvey Pitt, November 19, 1997, Page 31.	See CD #1, Doc. No. 00004119
4- 420	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
4- 421	Deposition of Harvey Pitt, November 19, 1997, Pages 53-54 and 76.	See CD #1, Doc. No. 00004119
4- 422	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-17. Note that there is no Building D-136; Modglin presumably said "Building Dee-one-thirty-six" and it was recorded as D-136 rather than D-1-36.	See CD #3, Doc. MODGLIN,V
4- 423	PRI-002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 424	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 425	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 426	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 427	PRI-002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 428	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 429	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 430	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321

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4- 431	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 22.	See CD #1, Doc. No. 00009321
4- 432	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 22.	See CD #1, Doc. No. 00009321
4- 433	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
4- 434	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985.	See CD #2, Doc. No. CO02156
4- 435	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 436	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 437	SW97-0280 – SW97-0281. Sherwin-Williams Defense Corporation, Proceedings of Board of Investigation, dated March 22, 1943, Pages 1 - 2.	See CD #2, Doc. No. 00017195
4- 438	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 439	NAR 000147. Illinois Ordnance Plant, Carbondale, Illinois, Illinois Ordnance Plant, Historical Record, January 1st, 1943 to March 31st, 1943, Section III, Appendix G, Safety and Security, Document No. 5. Note, the Bates number on this document reads "NAR 000;" however, it follows NAR 000146 and is therefore assumed to be NAR 000147.	See CD #2, Doc. No. 00023027
4- 440	CRO 002689 J. Sherwin-Williams Defense Corp, Illinois Ordnance Plant, Plant Protection (Posting of Guards and Firemen), Plan No. PL-280E, dated December 16, 1942.	See CD #2, Doc. No. 00025634
4- 441	Entech, Inc., Letter from Steve Baker to Michael Hutcheson of URS Greiner Woodward Clyde regarding "Request for Information on the Former IOP Burning Ground and Detonation Building," dated July 29, 1999.	See CD #3, Doc. HUTCHLTR
4- 442	CRO 002689 J. Sherwin-Williams Defense Corp, Illinois Ordnance Plant, Plant Protection (Posting of Guards and Firemen), Plan No. PL-280E, dated December 16, 1942.	See CD #2, Doc. No. 00025634
4- 443	Mr. Kermit Troutman, personal interview, TechLaw, Inc., 1997, Draft Investigation Report The Sherwin-Williams Company Illinois Ordnance Plant; Prepared for U.S. Army Corps of Engineers, Page B-3.	See CD #3, Doc. TROUTMAN,K
4- 444	CRO 002689 J. Sherwin-Williams Defense Corp, Illinois Ordnance Plant, Plant Protection (Posting of Guards and Firemen), Plan No. PL-280E, dated December 16, 1942.	See CD #2, Doc. No. 00025634
4- 445	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321

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4- 446	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 447	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 448	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 449	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 450	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
4- 451	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 452	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 453	DOI 001482. Amendment No. 16 to Lease Contract No. 14-19-0008-2675, Olin Corporation, dated December 1, 1978.	See CD #2, Doc. No. 00018779
4- 454	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 455	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 456	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13).	See CD #1, Doc. No. 00009321
4- 457	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 458	PRI-002064. Olin Corporation, Inspection Report, dated January 18, 1984, Page 3.	See CD #1, Doc. No. 00009499
4- 459	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 460	PRI-016499. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 1.	See CD #2, Doc. No. 00026887
4- 461	PRI-016186. Olin inter office memo entitled Special Survey – Sumps, Traps, and Vacuum Systems, dated April 20, 1981, Page 2.	See CD #2, Doc. No. 00026154
4- 462	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R

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4- 463	PRI-016499. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 1.	See CD #2, Doc. No. 00026887
4- 464	PRI-013797 – PRI-013801. Olin Corporation, Standard Operating Procedure, Cleaning Sumps D-1-43, D-1-44, and D-1-47, S.O.P. No 90228, Pages 1-5.	See CD #1, Doc. No. 00004373
4- 465	Rudy Okolski, personal interview, June 30, 1999. Mr. Okolski stated that N.G. casting for lance propellants took place in building D-1-43. No supporting documentation for this could be found, however, IB-27 lance igniter propellant is mixed in D-1-43.	See CD #3, Doc. OKOLSKI,R
4- 466	PRI-016599. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. No. 00026970
4- 467	PRI-016715. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 468	PRI-016715. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 469	PRI-005164-PRI-005165 and PRI-005168-PRI-005169. Olin Corporation, D-1-43 Mix House, 18 October 1973, Pages 1-2 and both cover sheets.	See CD #1, Doc. No. 00010015
4- 470	PRI-016596. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. No. 00026969
4- 471	DOI 002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 2.	See CD #2, Doc. No. 00019157
4- 472	DOI 002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 2.	See CD #2, Doc. No. 00019157
4- 473	PRI-016594, PRI-016599. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. Nos. 00026968 and 00026970
4- 474	Deposition of George Wisely, June 28, 1999, Pages 177, 180, and 196-198.	See CD #3, Doc. WISELY0628
4- 475	PRI-016298. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 2.	See CD #2, Doc. No. 00026410
4- 476	PRI-016354. Olin inter office memo entitled Point Source Discharges, dated November 10, 1983.	See CD #2, Doc. No. 00026566
4- 477	PRI-016298. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 2.	See CD #2, Doc. No. 00026140
4- 478	Deposition of George Wisely, July 15, 1999, Page 23.	See CD #1, Doc. No. 00004216
4- 479	PRI-016357. Olin inter office memo entitled Point Source Discharges, dated November 10, 1983.	See CD #2, Doc. No. 00026566
4- 480	PRI-016298. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Page 2.	See CD #2, Doc. No. 00026140
4- 481	PRI-016386. Olin Corporation, TSO Maintenance Request form originated by Olin employee Jean Schneiderman, dated January 28, 1983.	See CD #2, Doc. No. 00026684

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4- 482	PRI-016550. Olin Corporation. Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
4- 483	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 484	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 485	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 486	DPRA Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 487	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 488	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 489	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 490	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 491	PRI-011667. Olin Corporation, Hazard Analysis of D-1-25 Complex, December 1978, Page 1.	See CD #2, Doc. No. 00017560
4- 492	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 493	PRI-016500. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 2.	See CD #2, Doc. No. 00026887
4- 494	PRI-016186. Olin inter office memo entitled Special Survey – Sumps, Traps, and Vacuum Systems, dated April 20, 1981, Page 2.	See CD #2, Doc. No. 00026154
4- 495	PRI-016706 and PRI-016715. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 496	PRI-016715. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 497	PRI-016500. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 2.	See CD #2, Doc. No. 00026887
4- 498	PRI-016500. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 2.	See CD #2, Doc. No. 00026887

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4- 499	PRI-016716. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 500	PRI-016596. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. No. 00026969
4- 501	PRI-016500. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Page 2.	See CD #2, Doc. No. 00026887
4- 502	PRI-016594. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977.	See CD #2, Doc. No. 00026968
4- 503	DOI 002500. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987, Page 3.	See CD #2, Doc. No. 00019157
4- 504	Deposition of George Wisely, June 28, 1999, Pages 177, 180, and 196-198.	See CD #3, Doc. WISELY0628
4- 505	PRI-016386. Olin Corporation, TSO Maintenance Request form originated by Olin employee Jean Schneiderman, dated January 28, 1983.	See CD #2, Doc. No. 00026684
4- 506	PRI-016550. Olin Corporation. Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
4- 507	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 508	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 509	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 510	PRI 002646. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 511	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 512	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 513	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02
4- 514	DOI 001482. Amendment No. 16 to Lease Contract No. 14-19-0008-2675, Olin Corporation, dated December 1, 1978.	See CD #2, Doc. No. 00018779
4- 515	PRI-009233. Olin inter office memo entitled "Safety Audit – High Hazards Area," dated July 27, 1988, Page 1.	See CD #1, Doc. No. 00013094
4- 516	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524

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4- 517	DPRAs Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
4- 518	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 519	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 520	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1-2.	See CD #1, Doc. No. 00007524
4- 521	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 522	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 523	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 524	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 3, and 10.	See CD #1, Doc. No. 00007524
4- 525	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 526	1960 and 1965 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
4- 527	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 528	DPRAs Document No. 00017554, Primex Technologies, Proposed Water Main Extension for New Sprinkler System, October 2, 1997, Page 2.	See CD #2, Doc. No. 00017554
4- 529	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 530	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 531	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 7.	See CD #3, Doc. ENTECH02

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4- 532	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 533	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 534	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 535	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 536	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 537	DPRA Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 538	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 539	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 3, and 10.	See CD #1, Doc. No. 00007524
4- 540	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 541	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 542	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 543	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 544	PRI-002738. Olin inter office memo entitled Oil Spill 7-12-79, dated July 19, 1979, Page 1.	See CD #1, Doc. No. 00015119
4- 545	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 546	PRI-00248. Olin Corporation document entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 547	PRI-002531. Olin inter office memo entitle "Industrial Hygiene Survey, Marion, IL," dated June 19, 1981, Page 1.	See CD #1, Doc. No. 00015337
4- 548	PRI-002738. Olin inter office memo entitled Oil Spill 7-12-79, dated July 19, 1979, Page 1.	See CD #1, Doc. No. 00015119

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4- 550	PRI-002739. Olin inter office memo entitled Oil Spill 7-12-79, dated July 19, 1979, Page 2.	See CD #1, Doc. No. 00015119
4- 551	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 552	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 553	PRI-002738. Olin inter office memo entitled Oil Spill 7-12-79, dated July 19, 1979, Page 1.	See CD #1, Doc. No. 00015119
4- 554	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 555	PRI-002738. Olin inter office memo entitled Oil Spill 7-12-79, dated July 19, 1979, Page 1.	See CD #1, Doc. No. 00015119
4- 556	PRI-00248. Olin Corporation document entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 557	PRI-002531. Olin inter office memo entitle "Industrial Hygiene Survey, Marion, IL," dated June 19, 1981, Page 1.	See CD #1, Doc. No. 00015337
4- 558	PRI-00248. Olin Corporation document entitled "B & D Area Dust Collectors," Page 1.	See CD #1, Doc. No. 00013477
4- 559	PRI-002531. Olin inter office memo entitle "Industrial Hygiene Survey, Marion, IL," dated June 19, 1981, Page 1.	See CD #1, Doc. No. 00015337
4- 560	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 5, 6 and 7.	See CD #3, Doc. ENTECH02
4- 561	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 6 and 7.	See CD #3, Doc. ENTECH02
4- 562	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 563	PRI-002738. Olin inter office memo entitled Oil Spill 7-12-79, dated July 19, 1979, Page 1.	See CD #1, Doc. No. 00015119
4- 564	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 565	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 566	PRI-00440. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 3.	See CD #1, Doc. No. 00013893

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4- 568	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8.	See CD #3, Doc. ENTECH02
4- 569	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 570	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 571	DPRA Document No. 00017640, Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, "Environmental Site Closure Assessment."	See CD #2, Doc. No. 00017640
4- 572	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8.	See CD #3, Doc. ENTECH02
4- 573	DPRA Document No. 00017640, Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, "Environmental Site Closure Assessment."	See CD #2, Doc. No. 00017640
4- 574	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
4- 575	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 576	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 577	PRI-006610. Olin Corporation, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00002; and PRI017406. Olin Corporation, Air Source Inventory/OP/Marion/RC, dated November 25, 1988, Page 00006.	See CD #2, Doc. Nos. 00026949 and 00027180
4- 578	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 579	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 580	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 5 and 6.	See CD #3, Doc. ENTECH02
4- 581	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 3, and 10.	See CD #1, Doc. No. 00007524

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4- 582	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 583	PRI-016722. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 584	DPRAs Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 585	DOI 003204 and DOI 003211. Olin Corporation, Certification Regarding Potential Releases from Solid Waste Management Units (Closure Plan Review), Pages 3 and 10.	See CD #2, Doc. No. 00019365
4- 586	PRI-003292. Olin Corporation, RCRA Update pertaining to Training, Inspections, and Shipment Limits containing Hazardous Waste Explosive Lists, dated February 10, 1987.	See CD #2, Doc. No. 00016177
4- 587	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 588	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 589	PRI-016722. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 590	DPRAs Document No. 00017640, Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, "Environmental Site Closure Assessment."	See CD #2, Doc. No. 00017640
4- 591	DPRAs Document No. 00017640, Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, "Environmental Site Closure Assessment."	See CD #2, Doc. No. 00017640
4- 592	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 593	PRI-016722. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 594	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 595	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 596	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8.	See CD #3, Doc. ENTECH02
4- 597	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 598	DPRAs Document No. 00017640, Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, "Environmental Site Closure Assessment."	See CD #2, Doc. No. 00017640

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4- 599	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8.	See CD #3, Doc. ENTECH02
4- 600	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 601	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 602	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8.	See CD #3, Doc. ENTECH02
4- 603	PRI-016277. Olin, Open Burning Debris Record, dated June 24, 1982.	See CD #2, Doc. No. 00026346
4- 604	PRI-016274. Olin, Open Burning Debris Record, dated approximately August 3, 1982.	See CD #2, Doc. No. 00026338
4- 605	DPRA Document No. 0007415. Olin Ordnance, letter to Crab Orchard National Wildlife Refuge requesting permission to open burn buildings with nitroglycerin contamination, dated August 8, 1990.	See CD #1, Doc. No. 00007415
4- 606	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 607	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 608	DPRA Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 609	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 610	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 611	DPRA Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 612	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 613	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 614	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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4- 615	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8.	See CD #3, Doc. ENTECH02
4- 616	DOI 003204 and DOI 003211. Olin Corporation, Certification Regarding Potential Releases from Solid Waste Management Units (Closure Plan Review), Pages 3 and 10.	See CD #2, Doc. No. 00019365
4- 617	PRI-003292. Olin Corporation, RCRA Update pertaining to Training, Inspections, and Shipment Limits containing Hazardous Waste Explosive Lists, dated February 10, 1987.	See CD #2, Doc. No. 00016177
4- 618	DPRA Document No. 00017640, Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, "Environmental Site Closure Assessment."	See CD #2, Doc. No. 00017640
4- 619	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 620	DPRA Document No. 00017584. Primex Technologies, Letter to the United States Department of the Interior regarding replacing Building D-1-13 (and not restoring D-01-78), dated March 12, 1998.	See CD #2, Doc. No. 00017584
4- 621	DPRA Document No. 00017584. Primex Technologies, Letter to the United States Department of the Interior regarding replacing Building D-1-13 (and not restoring D-01-78), dated March 12, 1998.	See CD #2, Doc. No. 00017584
4- 622	1965 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
4- 623	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 624	PRI-016765. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
4- 625	DPRA Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 626	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 627	PRI-00440. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 3.	See CD #1, Doc. No. 00013893
4- 628	PRI-00440. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 3.	See CD #1, Doc. No. 00013893
4- 629	DPRA Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157

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4- 630	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 631	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 3, and 10.	See CD #1, Doc. No. 00007524
4- 632	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 633	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8	See CD #3, Doc. ENTECH02
4- 634	PRI-00439. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 2.	See CD #1, Doc. No. 00013893
4- 635	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 636	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 637	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8.	See CD #3, Doc. ENTECH02
4- 638	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 3.	See CD #1, Doc. No. 00007524
4- 639	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 640	PRI-00440. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 3.	See CD #1, Doc. No. 00013893
4- 641	DOI 003204 and DOI 003211. Olin Corporation, Certification Regarding Potential Releases from Solid Waste Management Units (Closure Plan Review), Pages 3 and 10.	See CD #2, Doc. No. 00019365
4- 642	PRI-003292. Olin Corporation, RCRA Update pertaining to Training, Inspections, and Shipment Limits containing Hazardous Waste Explosive Lists, dated February 10, 1987.	See CD #2, Doc. No. 00016177
4- 643	PRI-016553. Olin inter office memo entitle "Request for Assistance, 1.) B-2-13 Scrap, 2.) D Area Sumps," dated May 1, 1987, Page 1.	See CD #2, Doc. No. 00026936
4- 644	PRI-00440. Olin document entitled "Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613," dated September 5, 1980, Page 3.	See CD #1, Doc. No. 00013893

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4- 645	DOI 001765. Olin, Building Usage November 1980, Lease #14-16-008-2675, dated December 5, 1980.	See CD #2, Doc. No. 00019003
4- 646	PRI-016277. Olin, Open Burning Debris Record, dated June 24, 1982.	See CD #2, Doc. No. 00026346
4- 647	PRI-016274. Olin, Open Burning Debris Record, dated approximately August 3, 1982.	See CD #2, Doc. No. 00026338
4- 648	DOI 001745. Olin, Building Usage Report for the quarter January – March 1983, dated April 14, 1983.	See CD #2, Doc. No. 00018991
4- 649	DOI 001763. Olin, Building Usage December 1980, Lease #14-16-008-2675, dated January 7, 1981.	See CD #2, Doc. No. 00019001
4- 650	DPRA Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 651	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
4- 652	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 653	DOI 001763. Olin, Building Usage December 1980, Lease #14-16-008-2675, dated January 7, 1981.	See CD #2, Doc. No. 00019001
4- 654	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
4- 655	DPRA Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 656	DOI 001761. Olin, Building Usage 1st Quarter 1981, Lease #14-16-008-2675, dated April 9, 1981.	See CD #2, Doc. No. 00019000
4- 657	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
4- 658	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 659	DOI 001757. Olin, Building Usage 3rd Quarter 1981, Lease #14-16-008-2675, dated October 9, 1981.	See CD #2, Doc. No. 00018997
4- 660	This acronym occurs in many Olin documents and likely means "High Explosive Detonation Product."	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 661	PRI-017407. Olin Corporation, Air Source Inventory/OP/Marion/RC, dated November 25, 1988, Page 00007	See CD #2, Doc. No. 00027180

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4- 662	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
4- 663	DPRAs Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
4- 664	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 665	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
4- 666	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 667	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 8.	See CD #3, Doc. ENTECH02
4- 668	DPRAs Document NO. 00017580. Primex Technologies memorandum entitled "Incident Investigation Report – D-1-13 Fire," dated February 17, 1998, Page 4.	See CD #2, Doc. No. 00017580
4- 669	PRI-017415. Olin Corporation, Air Source Inventory/OP/Marion/RC, dated November 25, 1988.	See CD #2, Doc. No. 00027180
4- 670	DPRAs Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 671	PRI-008966. Olin summary report of a safety inspection from April 1987.	See CD #1, Doc. No. 00013436
4- 672	PRI-017408. Olin Corporation, Air Source Inventory/OP/Marion/RC, dated November 25, 1988, Page 00008	See CD #2, Doc. No. 00027180
4- 673	DPRAs Document NO. 00017580. Primex Technologies memorandum entitled "Incident Investigation Report – D-1-13 Fire," dated February 17, 1998, Page 4.	See CD #2, Doc. No. 00017580
4- 674	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
4- 675	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 676	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 7 and 8.	See CD #3, Doc. ENTECH02
4- 677	DOI 001743. Olin, Building Usage Lease #14-16-008-2675, April-June 1983.	See CD #2, Doc. No. 00018990
4- 678	DPRAs Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 4, and 10.	See CD #1, Doc. No. 00007524

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4- 679	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 680	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 6 and 7.	See CD #3, Doc. ENTECH02
4- 681	DOI 001743. Olin, Building Usage Lease #14-16-008-2675, April-June 1983.	See CD #2, Doc. No. 00018990
4- 682	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 4, and 10.	See CD #1, Doc. No. 00007524
4- 683	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
4- 684	1943 and 1951 aerial photographs from the National Archives and Records Administration, College Park, Maryland (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
4- 685	1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
4- 686	ACO-5047 through ACO-5109 – Office of Field Director of Ammunition Plants, "Shut-Down and Decontamination Procedures for F.D.A.P. Facilities."	See CD #2, Doc. No. 00026036
4- 687	ACO-4979 through ACO-4980 – CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00026036
4- 688	O'Brien & Gere. 1988. Remedial Investigation Report – Crab Orchard National Wildlife Refuge. Page 13-1.	See CD #2, Doc. No. 00022621
4- 689	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 690	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 691	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH02
4- 692	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
4- 693	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
4- 694	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
4- 695	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 696	Deposition of George Wisely, June 28, 1999, Page 178.	See CD #3, Doc. WISELY0628

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4- 697	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
4- 698	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
4- 699	NAR-0766. Letter report of sanitary survey from the IOP from April 10, 1943 visit, dated April 12, 1943.	See CD #2, Doc. No. 00025958
4- 700	PRI-016499 to PRI-016500. Olin inter office memo entitled "D" Area Sumps – For The Record, dated August 22, 1985, Pages 1 and 2.	See CD #2, Doc. No. 00026887
4- 701	PRI-016594. Olin inter office memo entitled Explosive Sumps, dated June 3, 1977, Page 1.	See CD #2, Doc. No. 00026988
4- 702	Deposition of George Wisely, June 28, 1999, Pages 177, 180-181, and 196-198.	See CD #3, Doc. WISELY0628
4- 703	PRI-016297 and PRI-016298. Olin inter office memo entitled Water Discharges, dated February 12, 1982, Pages 1 and 2.	See CD #2, Doc. No. 00026140
4- 704	The dike was a raised soil wall providing physical protection of nearby buildings from the process or mix building surrounded by the dike. The dikes were required so an explosion in the building would not destroy nearby process areas.	This footnote either provides additional information or further clarifies the text; no document is referenced.
4- 705	PRI-013797 – PRI-013799. Olin Corporation, Standard Operating Procedure, Cleaning Sumps D-1-43, D-1-44, and D-1-47, S.O.P. No 90228, Pages 1-3.	See CD #1, Doc. No. 00004373
4- 706	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
4- 707	Deposition of John Miller, April 9, 1998, Page 76.	See CD #1, Doc. No. 00004133
4- 708	Deposition of John Miller, April 9, 1998, Page 76.	See CD #1, Doc. No. 00004133
4- 709	PRI-002629. Olin document entitled 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
4- 710	DPRA Document No. 00009327. Illinois Ordnance Plant, Report on Condition for Extended Non-use of Illinois Ordnance Plant, Carbondale, Illinois, for Reconstruction Finance Corporation, Office of Defense Plants, dated January 1, 1946, Page 16.	See CD #1, Doc. No. 00009327
4- 711	DPRA Document No. 00009327. Illinois Ordnance Plant, Report on Condition for Extended Non-use of Illinois Ordnance Plant, Carbondale, Illinois, for Reconstruction Finance Corporation, Office of Defense Plants, dated January 1, 1946, Plan No. 6544-502.75, Plate No. 10, Page 102.	See CD #1, Doc. No. 00009327
4- 712	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 713	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 714	DOI 004413 and DOI 004414. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00002 and 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 715	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)

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4- 716	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 717	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 718	DOI 004338 and DOI 004348. Olin, 1982 PCB Annual Document for "PCB Transformers in Storage."	See CD #2, Doc. No. 00021490
4- 719	PRI-002090. Olin inter office memo entitled "PCB Transformer S/N 25697," dated August 12, 1982.	See CD #1, Doc. No. 00009488
4- 720	PRI-002092. Cephis Industries Report #643, dated August 9, 1982.	See CD #1, Doc. No. 00009489
4- 721	DOI 004358. Olin, 1983 PCB Annual Document "PCBs and PCB Items in Service or Projected for Disposal."	See CD #2, Doc. No. 00021491
4- 722	DOI 004365. Special Waste Hauling Manifest No. 080981, dated November 22, 1983.	See CD #2, Doc. No. 00021491
4- 723	PRI-00610. Olin, 1980 PCB Annual Document, dated June 21, 1982.	See CD #1, Doc. No. 00014133
4- 724	DOI 004338. Olin, 1982 PCB Annual Document for "PCB Transformers in Storage."	See CD #2, Doc. No. 00021490
4- 725	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 726	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 727	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 728	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 729	DOI 004413 and DOI 004415. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00002 and 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 730	DOI 004398. Uniform Hazardous Waste Manifest No. IL1311047, dated November 1985.	See CD #2, Doc. No. 00021583
4- 731	DOI 004413 and DOI 004415. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00002 and 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 732	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 733	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 734	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 735	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 736	DOI 004413 and DOI 004414. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00002 and 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)

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4- 737	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 738	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 739	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 740	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 741	DOI 004323. Olin, 1979 PCB Annual Document, dated June 1982.	See CD #2, Doc. No. 00022570
4- 742	PRI-00634-PRI-00635. Olin inter office memo entitled "Scrap Transformers," dated November 6, 1979.	See CD #1, Doc. No. 00014157
4- 743	PRI-00634-PRI-00635. Olin inter office memo entitled "Scrap Transformers," dated November 6, 1979.	See CD #1, Doc. No. 00014157
4- 744	PRI-00635. Envirodyne Engineers, Report of Analysis, dated October 10, 1979	See CD #1, Doc. No. 00014159
4- 745	DOI 004323. Olin, 1979 PCB Annual Document, dated June 1982.	See CD #2, Doc. No. 00022570
4- 746	DOI 004323. Olin, 1979 PCB Annual Document, dated June 1982.	See CD #2, Doc. No. 00022570
4- 747	DOI 004324. Olin, 1981 PCB Annual Document, dated June 22, 1982.	See CD #2, Doc. No. 00022570
4- 748	DOI 004335. Olin, 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
4- 749	DOI 004358. Olin, 1983 PCB Annual Document "PCBs and PCB Items in Service or Projected for Disposal," Table I - F-2-4 Olin-Marion Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
4- 750	DOI 004414. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 751	DOI 004324. Olin, 1981 PCB Annual Document, dated June 22, 1982.	See CD #2, Doc. No. 00022570
4- 752	ACO 002493. Olin, 1982 PCB Annual Document for "PCB Transformers in Service."	See CD #2, Doc. No. 00022570
4- 753	ACO 002493. Olin, 1982 PCB Annual Document for "PCB Transformers in Service."	See CD #2, Doc. No. 00022570
4- 754	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 755	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 756	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 757	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140

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4- 758	DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 759	PRI-00511. Olin, Letter to Fish & Wildlife Service regarding installing transformer in "D" Area, dated April 8, 1965.	See CD #1, Doc. No. 00013860
4- 760	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 761	DOI 004435. Olin, 1983 PCB Annual Document "PCBs and PCB Items in Service or Projected for Disposal."	See CD #2, Doc. No. 00021491
4- 762	DOI 004415. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 763	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 764	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 765	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 766	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 767	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 768	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 769	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 770	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 771	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 772	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 773	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 774	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 775	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 776	DOI 004412 and DOI 004414. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00001 and 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 777	DOI 004412 and DOI 004414. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00001 and 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)

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4- 778	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 779	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 780	DOI 004412 and DOI 004414. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00001 and 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 781	DOI 004412 and DOI 004414. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Pages 00001 and 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 782	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 783	PRI-00623. Olin, "Oct. 1979 PCB Transformer Inventory, (D-Area)."	See CD #1, Doc. No. 00014140
4- 784	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 785	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 786	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 787	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 788	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 789	DOI 004412 - DOI 004425. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 790	DPRA Document No. CO02157. Olin Ordnance Products, HEDP Quantity/Distance D-Area Site Plan, Drawing No. 6010188, dated June 1986.	See CD #2, Doc. No. CO02157
4- 791	DOI 004420. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986.	See CD #2, Doc. No. 00021594 (CBI Redacted)
4- 792	DOI-001780 through DOI-001782. This is an obsolete MSDS list from Olin's file. It contains an index of chemicals on file prior to the OSHA hazard communication law.	See CD #2, Doc. No. 00018928
4- 793	FWM 000098 - FWM 000099. Olin Corporation, Letter to Crab Orchard National Wildlife Refuge regarding special Wastes and the possibility of storing them in refuge buildings, dated May 8, 1981.	See CD #2, Doc. No. 00024688
4- 794	DOI 002359. Olin Corporation, Illinois Environmental Protection Agency, Generator Annual Hazardous Waste Report, dated February 23, 1984, Page 002.	See CD #2, Doc. No. 00019124
4- 795	DOI 002616. Olin Corporation, Hazardous Waste Facility Closure Plan, Ordill Industrial Area, S.O.P. 90,356, REV. K 9/88, dated October 4, 1988, Page 39.	See CD #2, Doc. No. 00019176

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4- 796	O'Brien & Gere. 1988. Remedial Investigation Report – Crab Orchard National Wildlife Refuge. Figure 12-1.	See CD #2, Doc. No. 00022621
4- 797	DPR A Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
4- 798	O'Brien & Gere. 1988. Remedial Investigation Report – Crab Orchard National Wildlife Refuge. Page 13-1.	See CD #2, Doc. No. 00022621
4- 799	DPR A Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
4- 800	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
4- 801	O'Brien & Gere, 1988. Remedial Investigation Report – Crab Orchard National Wildlife Refuge. Figure 12-1.	See CD #2, Doc. No. 00022621
4- 802	O'Brien & Gere, 1988. Remedial Investigation Report – Crab Orchard National Wildlife Refuge. Page 14-1.	See CD #2, Doc. No. 00022621
4- 803	DPR A Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
4- 804	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #1, Doc. No. 00000797
4- 805	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, pages 5-5, 5-6 and page ES-ii.	See CD #1, Doc. No. 00000797
4- 806	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, pages 5-6 and page ES-ii.	See CD #1, Doc. No. 00000797
4- 807	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, pages 5-6 and page ES-ii.	See CD #1, Doc. No. 00000797

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4- 808	See Table 2-6 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6
4- 809	See Table 2-6 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6
4- 810	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
4- 811	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/corisk/ecossl.htm
4- 812	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
4- 813	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
4- 814	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/rep_orts.html
4- 815	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
4- 816	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
4- 817	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
4- 818	USEPA. 1999a. National Recommended Water Quality Criteria—Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
4- 819	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm

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USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at <http://www.epa.gov/region4/waste/ofecser/ecolbul.htm>.

Publicly available at
<http://www.epa.gov/region4/waste/ofecser/ecolbul.htm>

4- 821

ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.

ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
5- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 2	Changes to structure in Area 2F observed during the site reconnaissance on April 13, 1999.	This footnote either provides additional information or further clarifies the text; no document is referenced.
5- 3	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. PITT,TECHLAW
5- 4	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
5- 5	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
5- 6	Building Lease Contract No. 14-16-0003-81-526, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007416
5- 7	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH02
5- 8	DPRA Document No. 0007435. Olin Corporation, Letter to Crab Orchard National Wildlife Refuge requesting permission to lease the remaining buildings in the F Area, dated May 12, 1986.	See CD #1, Doc. No. 00007435
5- 9	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 10	Because primer mix, booster pellets, and fuse detonators were produced in other portions of Area 2 it appears that fuse manufacture did not duplicate these efforts. Instead, black powder loading (pouring) into the inert portion of the delay column and primer mix loading (pouring) into the relay portion of the fuse and assembly of components were the major operations performed for fuse manufacture.	This footnote either provides additional information or further clarifies the text; no document is referenced.
5- 11	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 12	All information on the manufacturing process for fuses was determined from the logical order of manufacture and the Fuse Loading Line plan documents referred to above.	This footnote either provides additional information or further clarifies the text; no document is referenced.
5- 13	Department of the Army, 1984, Military Explosive Technical Manual, (NTIS #TM 9-1300-214), Page 3-3.	See CD #2, Doc. No. 00026221
5- 14	U.S. Army Corp of Engineers, 1993, Ordnance and Explosive Waste Archives Search Report for Former Illinois Ordnance Plant Marion, Illinois, Project Number E05IL000203, Appendix D-12D, Page 7-43.	See CD #2, Doc. No. 00028115

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
5- 15	Department of the Army, 1984, Military Explosive Technical Manual, (NTIS #TM 9-1300-214), Page 3-3.	See CD #2, Doc. No. 00026221
5- 16	Department of the Army, 1984, Military Explosive Technical Manual, (NTIS #TM 9-1300-214), Page 3-3.	See CD #2, Doc. No. 00026221
5- 17	Department of the Army, 1984, Military Explosive Technical Manual, (NTIS #TM 9-1300-214), Page 3-3.	See CD #2, Doc. No. 00026221
5- 18	U.S. Army Corp of Engineers, 1993, Ordnance and Explosive Waste Archives Search Report for Former Illinois Ordnance Plant Marion, Illinois, Project Number E05IL000203, Appendix D-12D, Page 7-43.	See CD #2, Doc. No. 00028115
5- 19	NAR 000227. Illinois Ordnance Plant, 1943, Illinois Ordnance Plant Historical Record, 04/01/43 - 08/17/43, Exhibit 9.	See CD #2, Doc. No. 00023030
5- 20	DPRA Document No. 00009371. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, 1959, Page 19.	See CD #1, Doc. No. 00009371
5- 21	FWM 001322 - FWM 001323. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959.	See CD #2, Doc. No. 00025020
5- 22	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
5- 23	Deposition of Charles Funk, April 9, 1998, Pages 7-8.	See CD #1, Doc. No. 00004122
5- 24	Deposition of Charles Funk, April 9, 1998, Pages 15-18.	See CD #1, Doc. No. 00004122
5- 25	Deposition of Harvey Pitt, November 19, 1997, Page 80.	See CD #1, Doc. No. 00004119
5- 26	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
5- 27	Deposition of Charles Funk, April 9, 1998, Pages 15-18.	See CD #1, Doc. No. 00004122
5- 28	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
5- 29	PRI-009228. Olin inter office memo entitled "Staff Safety Audit," dated May 25, 1988.	See CD #1, Doc. No. 00013061
5- 30	PRI-009229. Olin inter office memo entitled "Staff Safety Audit," dated May 25, 1988.	See CD #1, Doc. No. 00013061
5- 31	Deposition of George T. Wisely, July 15, 1999, Page 32.	See CD #1, Doc. No. 00004216
5- 32	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
5- 33	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 34	CRO 001575 A. Newspaper article from the Herrin Daily Journal, dated March 30, 1949.	See CD #2, Doc. No. 00025464
5- 35	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075

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5- 36	CRO 000212. Crab Orchard National Wildlife Refuge, Analysis of Industrial Tenants employing labor, dated March 18, 1955.	See CD #2, Doc. No. 00025038
5- 37	CRO 000789. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, May through August, 1975, Page 14.	See CD #2, Doc. No. 00024775
5- 38	FWM 001322 – FWM 001323. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959.	See CD #2, Doc. No. 00025020
5- 39	CRO000872 – CRO 000873. U.S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries & Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, September thru December, 1960, Page 26 and Table No. VIII.	See CD #2, Doc. No. 00024800
5- 40	FWM 001323. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959.	See CD #2, Doc. No. 00025020
5- 41	FWM 001322. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959.	See CD #2, Doc. No. 00025020
5- 42	CRO 000897. U.S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries & Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1961, Table No. IV; and, CRO 000907 U.S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries & Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1961, Table No. IV. These narrative reports indicate a significant decrease in lease space for Universal Match from April to May 1961. The square footage decrease is very close to the amount of space UMC leased in Area 2F. Universal Match signed a new lease to continue renting space in other areas of the Refuge, but no other lease or addendum was found indicating they continued to occupy space in Area 2F.	See CD #2, Doc. Nos. 00024796 and 00024802
5- 43	CRO 001463. United States Department of the Interior, Special Use Permit, number SUP-3-72, dated August 19, 1971.	See CD #2, Doc. No. 00025241
5- 44	CRO 001466. Olin Corporation, Amendment No. 1 – Special Use Permit No. SUP-04-73, dated October 18, 1973.	See CD #2, Doc. No. 00025244
5- 45	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
5- 46	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 47	PRI-016529. Olin inter office memo entitled "F Area," dated November 11, 1986.	See CD #2, Doc. No. 00026915
5- 48	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 49	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 50	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
5- 51	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Page 5.	See CD #1, Doc. No. 00009321
5- 52	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Pages 16 and 17.	See CD #1, Doc. No. 00009321
5- 53	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Pages 16 and 17.	See CD #1, Doc. No. 00009321
5- 54	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 17.	See CD #1, Doc. No. 00009321
5- 55	FWM 001322. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959.	See CD #2, Doc. No. 00025020
5- 56	CRO 001461 - United States Department of the Interior, Special Use Permit, number SUP-72-70, dated August 5, 1970	See CD #2, Doc. No. 00025233
5- 57	CRO 001461, CRO 001463, CRO 001465, CRO 001467, CRO 001468, CRO 001470, CRO 001472, CRO 001474, and CRO 001475 (various Special Use Permits issued to Olin for Building F-2-2).	See CD #2, Doc. Nos. 00025233, 00025241, 00025243, 00025245, 00025246, 00025264, 00025269, 00025273
5- 58	Building Lease Contract No. 14-16-0003-81-526, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007416
5- 59	Deposition of Charles Funk, April 9, 1998, Page 22.	See CD #1, Doc. No. 00004122
5- 60	Deposition of Harvey Pitt, November 19, 1997, Page 90.	See CD #1, Doc. No. 00004119
5- 61	Harvey Pitt lists the period of operation of the metal fabrication operation as 1969 to 1973 and Charles Funk lists the period of operation as 1970 to 1973 or 1974.	This footnote either provides additional information or further clarifies the text; no document is referenced.
5- 62	Deposition of Harvey Pitt, November 19, 1997, Pages 101 and 102. In his deposition, Funk stated that he reported to Pitt, whom he described as the production control manager.	See CD #1, Doc. No. 00004119
5- 63	Deposition of Harvey Pitt, November 19, 1997, Pages 85 and 90.	See CD #1, Doc. No. 00004119
5- 64	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
5- 65	Deposition of Charles Funk, April 9, 1998, Page 18.	See CD #1, Doc. No. 00004122
5- 66	Deposition of Harvey Pitt, November 19, 1997, Page 104.	See CD #1, Doc. No. 00004119
5- 67	Deposition of Charles Funk, April 9, 1998, Pages 17-18.	See CD #1, Doc. No. 00004122
5- 68	Deposition of Harvey Pitt, November 19, 1997, Page 80.	See CD #1, Doc. No. 00004119
5- 69	Deposition of Harvey Pitt, November 19, 1997, Page 102.	See CD #1, Doc. No. 00004119
5- 70	Deposition of Charles Funk, April 9, 1998, Page 29.	See CD #1, Doc. No. 00004122

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5- 71	DPR Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996.	See CD #1, Doc. No. 00015017
5- 72	PRI-017202. Olin, Asbestos Removal Action Plan, dated July 3, 1987.	See CD #2, Doc. No. 00027134
5- 73	PRI-017202. Olin, Asbestos Removal Action Plan, dated July 3, 1987.	See CD #2, Doc. No. 00027134
5- 74	PRI-009228. Olin inter office memo entitled "Staff Safety Audit," dated May 25, 1988.	See CD #1, Doc. No. 00013061
5- 75	PRI-010165. Olin Corporation, Safety Action Needed Report.	See CD #1, Doc. No. 00012600
5- 76	PRI-012880. Olin Defense Systems Ordnance, Receiving Report, dated December 28, 1987, Page 1.	See CD #1, Doc. No. 00014253
5- 77	PRI-012598. Olin Defense Systems Ordnance, Receiving Report, dated January 4, 1988, Page 1.	See CD #1, Doc. No. 00011599
5- 78	PRI-018494. Olin Defense Systems Ordnance, Receiving Report, dated January 18, 1988, Page 1.	See CD #2, Doc. No. 00026873
5- 79	PRI-009229. Olin inter office memo entitled "Staff Safety Audit," dated May 25, 1988.	See CD #1, Doc. No. 00013061
5- 80	DPR Document No. 00014236/PRI-012917. Olin Defense Systems Ordnance, Receiving Report dated December 4, 1987.	See CD #1, Doc. No. 00014236
5- 81	DPR Document No. 00011599/PRI-012598. Olin Defense Systems Ordnance, Receiving Report dated December 16, 1987.	See CD #1, Doc. No. 00011599
5- 82	DPR Document No. 00026873/PRI-012598. Olin Defense Systems Ordnance, Receiving Report dated December 16, 1987.	See CD #2, Doc. No. 00026873
5- 83	DPR Document No. 00014253/PRI-018494. Olin Defense Systems Ordnance, Receiving Report, dated December 16, 1987.	See CD #1, Doc. No. 00014253
5- 84	DPR Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 85	DPR Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
5- 86	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 87	DPR Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 88	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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5- 89	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 90	Industrial Tenant Roster ~ March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 91	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 92	FWM 001322 and FWM 001323. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959. Refer to Building F-2-1 description for UMC occupancy details in Area 2F.	See CD #2, Doc. No. 00025020
5- 93	CRO 001462, CRO 001463, CRO 001465, CRO 001466. Various Special Use Permits issued to Olin for Building F-2-3.	See CD #2, Doc. Nos. 00025239, 00025241, 00025243, 00025244
5- 94	Building Lease Contract No. 14-16-0003-81-526, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007416
5- 95	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 96	Industrial Tenant Roster ~ March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 97	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 98	FWM 001322 and FWM 001323. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959. Refer to Building F-2-1 description for UMC occupancy details in Area 2F.	See CD #2, Doc. No. 00025020
5- 99	Building Lease Contract No. 14-16-0003-81-526, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007416
5- 100	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 101	Industrial Tenant Roster ~ March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 102	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 103	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Page 5.	See CD #1, Doc. No. 00009321
5- 104	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844

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5- 105	DPRA Document No. 00007460. Olin Corporation's proposed renovation document entitled "Olin Corporation - Marion Operations, 120mm FSED Production Area, Pages 1, 3, and 6.	See CD #1, Doc. No. 00007460
5- 106	PRI-016529. Olin inter office memo entitled "F Area," dated November 11, 1986.	See CD #2, Doc. No. 00026915
5- 107	Paul Moore, personal interview, July 14, 1998.	See CD #3, Doc. MOORE,P
5- 108	It is not known what processes occurred in these buildings during Olin's tenure. Because of their proximity to the plant road and to each other, it is assumed that propellant mixing operations have not occurred in these buildings.	This footnote either provides additional information or further clarifies the text; no document is referenced.
5- 109	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 110	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 111	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 112	Entech, Inc., 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 9.	See CD #3, Doc. ENTECH02
5- 113	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 114	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 9.	See CD #3, Doc. ENTECH02
5- 115	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 116	FWM 001322. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959.	See CD #2, Doc. No. 00025020
5- 117	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526. Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 118	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 119	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 120	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 121	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
5- 122	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Page 5.	See CD #1, Doc. No. 00009321
5- 123	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 13.	See CD #1, Doc. No. 00009321
5- 124	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 13.	See CD #1, Doc. No. 00009321
5- 125	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 13.	See CD #1, Doc. No. 00009321
5- 126	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 13.	See CD #1, Doc. No. 00009321
5- 127	FWM 001322. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959.	See CD #2, Doc. No. 00025020
5- 128	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 10.	See CD #3, Doc. ENTECH02
5- 129	CRO 001464, CRO 001465, and CRO 001466. - Various Special Use Permits (and one amendment) issued to Olin for Building F-2-9.	See CD #2, Doc. Nos. 00025242, 00025243, 00025244
5- 130	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 131	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 132	PRI-016533. Olin inter office memo entitled "F Area Regulatory Compliance Review," dated June 13, 1986, Page 1.	See CD #2, Doc. No. 00026800
5- 133	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 134	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 135	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 136	FWM 001322. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959.	See CD #2, Doc. No. 00025020
5- 137	CRO 001464, CRO 001465, and CRO 001466. - Various Special Use Permits (and one amendment) issued to Olin for Building F-2-10.	See CD #2, Doc. Nos. 00025242, 00025243, 00025244
5- 138	DPRA Document No. 0007435. Olin Corporation, Letter to Crab Orchard National Wildlife Refuge requesting permission to lease the remaining buildings in the F Area, dated May 12, 1986.	See CD #1, Doc. No. 00007435

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5- 139	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526. Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 140	DPRA Document No. 00007460. Olin Corporation's proposed renovation document entitled "Olin Corporation – Marion Operations, 120mm FSED Production Area, Pages 1, 3, and 6.	See CD #1, Doc. No. 00007460
5- 141	DPRA Document No. 00007460. Olin Corporation's proposed renovation document entitled "Olin Corporation – Marion Operations, 120mm FSED Production Area, Pages 1 and 4.	See CD #1, Doc. No. 00007460
5- 142	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
5- 143	It is not known what processes occurred in these buildings during Olin's tenure. Because of their proximity to the plant road and to each other, it is assumed that propellant mixing operations have not occurred in these buildings.	This footnote either provides additional information or further clarifies the text; no document is referenced.
5- 144	PRI-016533. Olin inter office memo entitled "F Area Regulatory Compliance Review," dated June 13, 1986, Page 1.	See CD #2, Doc. No. 00026800
5- 145	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 146	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 147	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 148	FWM 001322. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959.	See CD #2, Doc. No. 00025020
5- 149	CRO 001461 - United States Department of the Interior, Special Use Permit, number SUP-72-70, dated August 5, 1970	See CD #2, Doc. No. 00025233
5- 150	CRO 001461, CRO 001463, CRO 001465, CRO 001467, CRO 001468, CRO 001470, CRO 001472, CRO 001474, and CRO 001475. Various Special Use Permits issued to Olin for Building F-2-11.	See CD #2, Doc. Nos. 00025233, 00025241, 00025243, 00025245, 00025246, 00025264, 00025269, 00025273
5- 151	Building Lease Contract No. 14-16-0003-81-526, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007416
5- 152	PRI-009229. Olin inter office memo entitled "Staff Safety Audit," dated May 25, 1988.	See CD #1, Doc. No. 00013061
5- 153	DPRA Document No. 00007460. Olin Corporation's proposed renovation document entitled "Olin Corporation – Marion Operations, 120mm FSED Production Area, Page 3.	See CD #1, Doc. No. 00007460
5- 154	PRI-009229. Olin inter office memo entitled "Staff Safety Audit," dated May 25, 1988.	See CD #1, Doc. No. 00013061
5- 155	PRI-016814. Olin Corporation, Olin-Marion Wastewater Program – Status 07/30/86.	See CD #2, Doc. No. 00027104
5- 156	PRI-016814. Olin Corporation, Olin-Marion Wastewater Program – Status 07/30/86.	See CD #2, Doc. No. 00027104

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
5- 157	PRI-016814. Olin Corporation. Olin-Marion Wastewater Program – Status 07/30/86.	See CD #2, Doc. No. 00027104
5- 158	PRI-016814. Olin Corporation. Olin-Marion Wastewater Program – Status 07/30/86.	See CD #2, Doc. No. 00027104
5- 159	PRI-012974. Olin inter office memo entitled "September 1986, Radiation Safety Committee Meeting," dated October 9, 1986.	See CD #1, Doc. No. 00014469
5- 160	PRI-008556. Olin inter office memo entitled "April, 1987 Hi-Lite Report," dated April 24, 1987.	See CD #1, Doc. No. 00015749
5- 161	PRI-008545. Olin inter office memo entitled "June, 1987 Hi-Lite Report," dated June 24, 1987.	See CD #1, Doc. No. 00015746
5- 162	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 163	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 164	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 165	FWM 001322 and FWM 001323. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959. Refer to Building F-2-1 description for UMC occupancy details in Area 2F.	See CD #2, Doc. No. 00025020
5- 166	CRO 001461, CRO 001463, CRO 001465, CRO 001467, CRO 001468, CRO 001470, CRO 001472, CRO 001474, and CRO 001475. Various Special Use Permits issued to Olin for Building F-2-11.	See CD #2, Doc. Nos. 00025233, 00025241, 00025243, 00025245, 00025246, 00025264, 00025269, 00025273
5- 167	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 168	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 169	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 170	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 171	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 172	FWM 001322 and FWM 001323. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959. Refer to Building F-2-1 description for UMC occupancy details in Area 2F.	See CD #2, Doc. No. 00025020

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5- 173	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 9 and 10.	See CD #3, Doc. ENTECH02
5- 174	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 175	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH02
5- 176	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 17 (Plan No. 6544-101.40).	See CD #1, Doc. No. 00009321
5- 177	FWM 001322 and FWM 001323. Amendment No. 3 to Lease Contract No. 14-19-003-2631, Universal Match Corporation, dated April 29, 1959. Refer to Building F-2-1 description for UMC occupancy details in Area 2F.	See CD #2, Doc. No. 00025020
5- 178	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 179	DOI 001639. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 180	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 181	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 182	DPRA Document No. 00018844/DOI-0016939. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-526, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018844
5- 183	DPRA Document No. 00017575. Attachment to DPRA Document No. 00017649 – Primex Technologies, F-Area Site Plan.	See CD #1, Doc. No. 00015575
5- 184	DPRA Document No. 00026872. Olin Defense Systems Ordnance, Receiving Report for 1,725 pounds of "1.1.1 Trichlorethane" with a location description of F-2-20, dated August 12, 1987.	See CD #2, Doc. No. 00026872
5- 185	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 186	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 187	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
5- 188	DPRA Document No. 00017575. Attachment to DPRA Document No. 00017649 – Primex Technologies, F-Area Site Plan.	See CD #1, Doc. No. 00015575

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5- 189	DPRA Document No. 00017575. Attachment to DPRA Document No. 00017649 – Primex Technologies, F-Area Site Plan.	See CD #1, Doc. No. 00015575
5- 190	DPRA Document No. 00017574. Primex, Letter to CONWR requesting approval to construct a new propellant grain pressing building in the F-area, dated November 13, 1997.	See CD #1, Doc. No. 00015574
5- 191	DPRA Document No. 00017649. Amendment No. 2 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., dated July 1, 1998.	See CD #2, Doc. No. 00017649
5- 192	DPRA Document No. 00017575. Attachment to DPRA Document No. 00017649 – Primex Technologies, F-Area Site Plan.	See CD #1, Doc. No. 00015575
5- 193	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 194	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 9.	See CD #3, Doc. ENTECH02
5- 195	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 9.	See CD #3, Doc. ENTECH02
5- 196	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 10.	See CD #3, Doc. ENTECH02
5- 197	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 9.	See CD #3, Doc. ENTECH02
5- 198	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 10.	See CD #3, Doc. ENTECH02
5- 199	PRI-009228. Olin inter office memo entitled "Staff Safety Audit," dated May 25, 1988.	See CD #1, Doc. No. 00013061
5- 200	DPRA Document No. 00027180. Olin, Air Source Inventory/OP/Marion/RC, dated November 25, 1988, Page 00008.	See CD #2, Doc. No. 00027180
5- 201	DPRA Document No. 00014080/PRI-013217. Olin Defense Systems Ordnance, Receiving Report dated February 2, 1991.	See CD #1, Doc. No. 00014080
5- 202	Assumed George Wisely's reference to a gymnasium is F-6-45.	This footnote either provides additional information or further clarifies the text; no document is referenced.
5- 203	Deposition of George Wisely, July 15, 1999, Page 37.	See CD #1, Doc. No. 00004216
5- 204	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 4.	See CD #1, Doc. No. 00007524
5- 205	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
5- 206	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 11.	See CD #3, Doc. ENTECH02

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5- 207	ACO-5047 through ACO-5109 – Office of Field Director of Ammunition Plants, "Shut-Down and Decontamination Procedures for F.D.A.P. Facilities."	See CD #2, Doc. No. 00026036
5- 208	ACO-4979 through ACO-4980 – CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00026036
5- 209	DPRA Document No. 00009327. Illinois Ordnance Plant, Report on Condition for Extended Non-use of Illinois Ordnance Plant, Carbondale, Illinois, for Reconstruction Finance Corporation, Office of Defense Plants, dated January 1, 1946, Pages 22 and 23.	See CD #1, Doc. No. 00009327
5- 210	DPRA Document No. 00009327. Illinois Ordnance Plant, Report on Condition for Extended Non-use of Illinois Ordnance Plant, Carbondale, Illinois, for Reconstruction Finance Corporation, Office of Defense Plants, dated January 1, 1946, Plan No. 6544-502.75, Plate No. 10, Page 102.	See CD #1, Doc. No. 00009327
5- 211	PRI-00627. Olin, "Oct. 1979 PCB Transformer Inventory, (F-Area)."	See CD #1, Doc. No. 00014140
5- 212	PRI-00597. 1980 PCB Annual Document.	See CD #1, Doc. No. 00014133
5- 213	DOI 004323. 1979 PCB Annual Document.	See CD #2, Doc. No. 00021486
5- 214	PRI-00635. Envirodyne Engineers, Report of Analysis, dated October 20, 1979.	See CD #1, Doc. No. 00014159
5- 215	DOI 004413. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 216	DOI 004413. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 217	ACO 002489. 1980 PCB Annual Document.	See CD #2, Doc. No. 00022570
5- 218	PRI-00610. Olin, PCB Storage and Marking (Transformers) from the 1980 PCB Annual Document (referring to storage in 1979).	See CD #1, Doc. No. 00014133
5- 219	DOI 004336. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 220	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 221	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marian Transformers.	See CD #2, Doc. No. 00021491
5- 222	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 223	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 224	DOI 004413. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 225	PRI-00627. Olin, "Oct. 1979 PCB Transformer Inventory, (F-Area)."	See CD #1, Doc. No. 00014140

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5- 226	PRI-00610. Olin, PCB Storage and Marking (Transformers) from the 1980 PCB Annual Document (referring to storage in 1979).	See CD #1, Doc. No. 00014133
5- 227	DOI 004336. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 228	DOI 004338. 1982 PCB Inventory for "PCB Transformers in Storage."	See CD #2, Doc. No. 00021490
5- 229	DOI 004413. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 230	DOI 004324. 1981 PCB Annual Document.	See CD #2, Doc. No. 00022570
5- 231	DOI 004336. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 232	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 233	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 234	DOI 004376. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021492
5- 235	DOI 004328A. Uniform Hazardous Waste Manifest, Document No. 1195313, dated January 4, 1985.	See CD #2, Doc. No. 00021492
5- 236	DOI 004385. Applied Research & Development Laboratory, PCB Transformers, dated January 18, 1984.	See CD #2, Doc. No. 00021492
5- 237	DOI 004324. 1981 PCB Annual Document.	See CD #2, Doc. No. 00022570
5- 238	DOI 004336. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 239	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 240	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 241	DOI 004376. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021492
5- 242	DOI 004328A. Uniform Hazardous Waste Manifest, Document No. 1195313, dated January 4, 1985.	See CD #2, Doc. No. 00021492
5- 243	DOI 004385. Applied Research & Development Laboratory, PCB Transformers, dated January 18, 1984.	See CD #2, Doc. No. 00021492
5- 244	DOI 004324. 1981 PCB Annual Document.	See CD #2, Doc. No. 00022570
5- 245	DOI 004336. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 246	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 247	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 248	DOI 004376. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021492

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5- 249	DOI 004328A. Uniform Hazardous Waste Manifest, Document No. 1195313, dated January 4, 1985.	See CD #2, Doc. No. 00021492
5- 250	DOI 004385. Applied Research & Development Laboratory, PCB Transformers, dated January 18, 1984.	See CD #2, Doc. No. 00021492
5- 251	DOI 004323. 1979 PCB Annual Document.	See CD #2, Doc. No. 00021486
5- 252	PRI-00635. Envirodyne Engineers, Report of Analysis, dated October 20, 1979.	See CD #1, Doc. No. 00014159
5- 253	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 254	PRI-002092. Cephus Industries, Inc., Report No. #643, dated August 9, 1982.	See CD #1, Doc. No. 00009489
5- 255	PRI-002090. Olin, inter office memo entitled "PCB Transformer S/N 25697," dated August 12, 1982.	See CD #1, Doc. No. 00009488
5- 256	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 257	DOI 004365. Special Waste Hauling Manifest No. 080981, dated November 22, 1983.	See CD #2, Doc. No. 00021491
5- 258	DOI 004402. Industrial Testing Laboratories, Inc., Report No., 84-7-165, dated August 8, 1984.	See CD #2, Doc. No. 00021587
5- 259	DOI 004398 -- DOI 004399. Uniform Hazardous Waste Manifest, Document Number 1211047, dated November 20, 1985.	See CD #2, Doc. No. 00021583
5- 260	DOI 004415. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 261	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 262	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 263	DOI 004336. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 264	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 265	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 266	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 267	DOI 004323. 1979 PCB Annual Document.	See CD #2, Doc. No. 00021486
5- 268	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 269	DOI 004350. Olin, 1983 PCB Annual Document, "PCB and PCB Items in Service or Projected for Disposal," Page 2.	See CD #2, Doc. No. 00021491

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5- 270	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 271	DOI 004350. Olin, 1983 PCB Annual Document, "PCB and PCB Items in Service or Projected for Disposal," Page 2.	See CD #2, Doc. No. 00021491
5- 272	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 273	DOI 004350. Olin, 1983 PCB Annual Document, "PCB and PCB Items in Service or Projected for Disposal," Page 2.	See CD #2, Doc. No. 00021491
5- 274	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 275	DOI 004402. Industrial Testing Laboratories, Inc., Report No., 84-7-165, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
5- 276	DOI 004398 – DOI 004399. Uniform Hazardous Waste Manifest, Document Number 1211047, dated November 20, 1985.	See CD #2, Doc. No. 00021583
5- 277	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 278	DOI 004336. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 279	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 280	DOI 004328A. Uniform Hazardous Waste Manifest, Document No. 1195313, dated January 4, 1985.	See CD #2, Doc. No. 00021492
5- 281	DOI 004385. Applied Research & Development Laboratory, PCB Transformers, dated January 18, 1984.	See CD #2, Doc. No. 00021492
5- 282	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 283	DOI 004376. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021492
5- 284	DOI 004402. Industrial Testing Laboratories, Inc., Report No., 84-7-165, dated August 8, 1984.	See CD #2, Doc. No. 00021587
5- 285	DOI 004394 – DOI 004395. Uniform Hazardous Waste Manifest, Document Number 1310998, dated May 5, 1985.	See CD #2, Doc. No. 00021494
5- 286	DOI 004415. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 287	PRI-00511. Olin, Letter to Fish & Wildlife Service regarding installing transformer in "D" Area, dated April 8, 1965.	See CD #1, Doc. No. 00013860
5- 288	DOI 004415. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)

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5- 289	DOI 004414. Transformer Inventory-Olin/OP/RC. dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 290	ACO 002490. 1979 PCB Annual Document.	See CD #2, Doc. No. 00022570
5- 291	DOI 004413. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 292	PRI-00598. 1980 PCB Inventory, Test Range.	See CD #1, Doc. No. 00014133
5- 293	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 294	DOI 004324. 1981 PCB Annual Document.	See CD #2, Doc. No. 00022570
5- 295	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 296	PRI-00627. Olin, "Oct. 1979 PCB Transformer Inventory, (F-Area)."	See CD #1, Doc. No. 00014140
5- 297	PRI-00610. Olin, PCB Storage and Marking (Transformers) from the 1980 PCB Annual Document (referring to storage in 1979).	See CD #1, Doc. No. 00014133
5- 298	DOI 004335. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 299	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 300	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 301	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 302	PRI-00627. Olin, "Oct. 1979 PCB Transformer Inventory, (F-Area)."	See CD #1, Doc. No. 00014140
5- 303	PRI-00610. Olin, PCB Storage and Marking (Transformers) from the 1980 PCB Annual Document (referring to storage in 1979).	See CD #1, Doc. No. 00014133
5- 304	DOI 004335. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 305	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 306	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 307	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 308	PRI-00627. Olin, "Oct. 1979 PCB Transformer Inventory, (F-Area)."	See CD #1, Doc. No. 00014140
5- 309	PRI-00610. Olin, PCB Storage and Marking (Transformers) from the 1980 PCB Annual Document (referring to storage in 1979).	See CD #1, Doc. No. 00014133
5- 310	DOI 004335. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 311	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490

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5- 312	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 313	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 314	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 315	DOI 004402. Industrial Testing Laboratories, Inc., Report No., 84-7-165, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
5- 316	DOI 004394 – DOI 004395. Uniform Hazardous Waste Manifest, Document Number 1310998, dated May 2, 1985.	See CD #2, Doc. No. 00021494
5- 317	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 318	DOI 004402. Industrial Testing Laboratories, Inc., Report No., 84-7-165, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
5- 319	DOI 004394 – DOI 004395. Uniform Hazardous Waste Manifest, Document Number 1310998, dated May 2, 1985.	See CD #2, Doc. No. 00021494
5- 320	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 321	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 322	PRI-00627. Olin, "Oct. 1979 PCB Transformer Inventory, (F-Area)."	See CD #1, Doc. No. 00014140
5- 323	PRI-00610. Olin, PCB Storage and Marking (Transformers) from the 1980 PCB Annual Document (referring to storage in 1979).	See CD #1, Doc. No. 00014133
5- 324	DOI 004335. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 325	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 326	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 327	DOI 004376. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021492
5- 328	DOI 004328A. Uniform Hazardous Waste Manifest, Document No. 1195313, dated January 4, 1985.	See CD #2, Doc. No. 00021492
5- 329	DOI 004385. Applied Research & Development Laboratory, PCB Transformers, dated January 18, 1984.	See CD #2, Doc. No. 00021492
5- 330	DOI 004402. Industrial Testing Laboratories, Inc., Report No., 84-7-165, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
5- 331	DOI 004398 – DOI 004399. Uniform Hazardous Waste Manifest, Document Number 1310998, dated May 2, 1985.	See CD #2, Doc. No. 00021583

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5- 332	DOI 004415. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 333	DOI 004402. Industrial Testing Laboratories, Inc., Report No., 84-7-165, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
5- 334	DOI 004398 – DOI 004399. Uniform Hazardous Waste Manifest, Document Number 1310998, dated May 2, 1985.	See CD #2, Doc. No. 00021583
5- 335	DOI 004414. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 336	DOI 004323. 1979 PCB Annual Document.	See CD #2, Doc. No. 00021486
5- 337	PRI-00602. 1980 PCB Inventor, P-Area.	See CD #1, Doc. No. 00014133
5- 338	DOI 004330. 1981 PCB Inventory, P-Area.	See CD #2, Doc. No. 00021488
5- 339	DOI 004348. 1982 PCB Inventory, P-Area.	See CD #2, Doc. No. 00021490
5- 340	PRI-00627. Olin, "Oct. 1979 PCB Transformer Inventory, (F-Area)."	See CD #1, Doc. No. 00014140
5- 341	PRI-00610. Olin, PCB Storage and Marking (Transformers) from the 1980 PCB Annual Document (referring to storage in 1979).	See CD #1, Doc. No. 00014133
5- 342	DOI 004335. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 343	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 344	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 345	DOI 004376. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021492
5- 346	DOI 004328A. Uniform Hazardous Waste Manifest, Document No. 1195313, dated January 4, 1985.	See CD #2, Doc. No. 00021492
5- 347	DOI 004385. Applied Research & Development Laboratory, PCB Transformers, dated January 18, 1984.	See CD #2, Doc. No. 00021492
5- 348	PRI-00627. Olin, "Oct. 1979 PCB Transformer Inventory, (F-Area)."	See CD #1, Doc. No. 00014140
5- 349	PRI-00610. Olin, PCB Storage and Marking (Transformers) from the 1980 PCB Annual Document (referring to storage in 1979).	See CD #1, Doc. No. 00014133
5- 350	DOI 004335. 1981 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021488
5- 351	DOI 004348. 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
5- 352	DOI 004358. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021491
5- 353	DOI 004376. Table I, F-2-4 Olin-Marian Storage for Olin-Marion Transformers.	See CD #2, Doc. No. 00021492

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5- 354	DOI 004328A. Uniform Hazardous Waste Manifest, Document No. 1195313, dated January 4, 1985.	See CD #2, Doc. No. 00021492
5- 355	DOI 004385. Applied Research & Development Laboratory, PCB Transformers, dated January 18, 1984.	See CD #2, Doc. No. 00021492
5- 356	DOI 004413. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 357	DOI 004337. 1982 PCB Annual Document for "PCB Transformers in Service."	See CD #2, Doc. No. 00021489
5- 358	DOI 004398 - DOI 004399. Uniform Hazardous Waste Manifest, Document Number 1310998, dated May 2, 1985.	See CD #2, Doc. No. 00021583
5- 359	DOI 004415. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00004.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 360	DOI 004324. 1981 PCB Annual Document.	See CD #2, Doc. No. 00022570
5- 361	DOI 004412. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 362	DOI 004324. 1981 PCB Annual Document.	See CD #2, Doc. No. 00022570
5- 363	DOI 004412. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 364	DOI 004324. 1981 PCB Annual Document.	See CD #2, Doc. No. 00022570
5- 365	DOI 004412. Transformer Inventory-Olin/OP/RC, dated February 13, 1986, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 366	DOI 004412 - DOI 004425. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986.	See CD #2, Doc. No. 00021594 (CBI Redacted)
5- 367	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
5- 368	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
5- 369	Vic Modglin, personal interview, TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page B-18.	See CD #3, Doc. MODGLIN,V
5- 370	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
5- 371	Deposition of George Wisely, June 28, 1999, Page 178.	See CD #3, Doc. WISELY0628
5- 372	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
5- 373	DOI-001780 through DOI-001782. This is an obsolete MSDS list from Olin's file. It contains an index of chemicals on file prior to the OSHA hazard communication law.	See CD #2, Doc. No. 00018928

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5- 374	FWM 000098 - FWM 000099. Olin Corporation, Letter to Crab Orchard National Wildlife Refuge regarding special wastes and the possibility of storing them in Refuge buildings, dated May 8, 1981.	See CD #2, Doc. No. 00024688
5- 375	DOI 002359. Olin Corporation, Illinois Environmental Protection Agency, Generator Annual Hazardous Waste Report, dated February 23, 1984, Page 002.	See CD #2, Doc. No. 00019124
5- 376	DOI 002616. Olin Corporation, Hazardous Waste Facility Closure Plan, Ordill Industrial Area, S.O.P. 90,356, REV. K 9/88, dated October 4, 1988, Page 39.	See CD #2, Doc. No. 00019176
5- 377	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Page 27-1.	See CD #2, Doc. No. 00022621
5- 378	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Page 27-1.	See CD #2, Doc. No. 00022621
5- 379	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Page 27-1.	See CD #2, Doc. No. 00022621
5- 380	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Page 27-1.	See CD #2, Doc. No. 00022621
5- 381	O'Brien & Gere 1988. Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Figure 27-1.	See CD #2, Doc. No. 00022621
5- 382	DPR Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987.	See CD #2, Doc. No. 00018887
5- 383	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #1, Doc. No. 00000797
5- 384	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
5- 385	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
5- 386	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
5- 387	The dumping ground was identified during the site reconnaissance on April 13, 1999.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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5- 388	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
5- 389	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH02
5- 390	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
5- 391	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
5- 392	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
5- 393	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
5- 394	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
5- 395	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
5- 396	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
5- 397	USEPA. 1999a. National Recommended Water Quality Criteria—Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
5- 398	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
5- 399	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm

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ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States
Environmental Protection Agency, Office of Research and Development.

ASTER searches are conducted for persons
affiliated with government agencies by
contacting the Scientific Outreach program of
the USEPA at 218-529-5225

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6- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 2	Changes in structure to the original layout of Area 2P were noted during the Phase I Site Assessment on April 13, 1998.	This footnote either provides additional information or further clarifies the text; no document is referenced.
6- 3	DOI 001069. Great Lakes Terminal & Transport, Crab Orchard National Wildlife Refuge NPL Site, First Set of Information Requests, Answer to Question No. 5.	See CD #2, Doc. No. 00018527
6- 4	DOI 001199. Olin Corporation, Crab Orchard National Wildlife Refuge, Response of Olin to First Set of Information Requests, Page 4.	See CD #1, Doc. No. 00004610
6- 5	FWM 001076. Second Amendment of Lease, dated January 1957, Page 3.	See CD #1, Doc. No. 00007715
6- 6	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
6- 7	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
6- 8	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 9	NAR 000042. Illinois Ordnance Plant, 1943, Illinois Ordnance Plant, Historical Record, August 18th, 1941 to December 31st, 1942, Page 37.	See CD #2, Doc. No. 00023020
6- 10	U.S. Army Corp of Engineers, 1993, Ordnance and Explosive Waste Archives Search Report for Former Illinois Ordnance Plant Marion, Illinois, Project Number E051L000203, Appendix D-12C, Page 510.	See CD #2, Doc. No. 00028115
6- 11	Kohler, J. and R. Meyer, Explosives, VCH Publishers, 1993, page 33.	See CD #3, Doc. EXPLPG33
6- 12	Deposition of John Miller, April 9, 1998, Pages 5, 6, & 33.	See CD #1, Doc. No. 00004133
6- 13	Deposition of John Miller, April 9, 1998, Pages 7-8.	See CD #1, Doc. No. 00004133
6- 14	Deposition of John Miller, April 9, 1998, Page 8.	See CD #1, Doc. No. 00004133
6- 15	Deposition of John Miller, April 9, 1998, Page 8.	See CD #1, Doc. No. 00004133
6- 16	Deposition of John Miller, April 9, 1998, Page 123 & 124.	See CD #1, Doc. No. 00004133
6- 17	Deposition of John Miller, April 9, 1998, Page 57.	See CD #1, Doc. No. 00004133
6- 18	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
6- 19	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321

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6- 20	U.S. Army Corp of Engineers, 1993, Ordnance and Explosive Waste Archives Search Report for Former Illinois Ordnance Plant Marion, Illinois, Project Number E05IL000203, Appendix D-12C, Page 510.	See CD #2, Doc. No. 00028115
6- 21	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 22	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 23	U.S. Army Corp of Engineers, 1993, Ordnance and Explosive Waste Archives Search Report for Former Illinois Ordnance Plant Marion, Illinois, Project Number E05IL000203, Appendix D-12C, Page 510.	See CD #2, Doc. No. 00028115
6- 24	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 25	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I Section 8, Page 15.	See CD #1, Doc. No. 00009321
6- 26	Deposition of John Miller, April 9, 1998, Pages 17-18.	See CD #1, Doc. No. 00004133
6- 27	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
6- 28	PRI-002648. Olin, 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 29	PRI-00506. Olin Matheson Chemical Corporation, Olin Matheson Chemical Corporation, Ordill Works, Marion Illinois, Plant Building Directory, March 1963, Page 5.	See CD #1, Doc. No. 00013857
6- 30	Richard Altekruze, personal interview, July 14, 1999.	See CD #3, Doc. ALTEKRUSE,R
6- 31	PRI-006616. Olin, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00008.	See CD #2, Doc. No. 00026949
6- 32	PRI-006616. Olin, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00008.	See CD #2, Doc. No. 00026949
6- 33	PRI-006598. Olin, -Olin-Marion Wastewater Discharges/Sources: Group A, Status Report 11 November 1985.	See CD #1, Doc. No. 00015538
6- 34	PRI-016717. Olin, Wastewater Point Source Survey, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
6- 35	DPRA Document No. 00011216/PRI-012406. Olin, Marion, Illinois, Receiving Report for 1 pound of "Copper Chromite Catalyst Powder" with a notation "sent to P-1-1 Attn: L. Markovitch), dated September 4, 1984.	See CD #1, Doc. No. 00011216
6- 36	PRI-006616. Olin, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00009.	See CD #2, Doc. No. 00026949
6- 37	PRI-016597 and PRI-016599. Attachments to Olin inter office memo entitled "Explosive Sumps," dated June 3, 1997	See CD #2, Doc. No. 00026968

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6- 38	PRI-016715. Olin, Wastewater Point Source Survey, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
6- 39	Deposition of George T. Wisely, July 15, 1999, Pages 40-41.	See CD #1, Doc. No. 00004216
6- 40	PRI-016661. -Olin-Marion Wastewater Discharges/Sources: Group A, Status Report 23 August 1985.	See CD #2, Doc. No. 00026983
6- 41	DOI-002499. Olin document, Attachment 2 of the Part A Application, Manufacturing Operations Description, dated March 1987.	See CD #2, Doc. No. 00019157
6- 42	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 6.	See CD #1, Doc. No. 00007524
6- 43	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 44	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 45	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 46	Original IOP Plan No.6544-101.12, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-12
6- 47	1965 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 48	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 49	These processes are assumed to have been performed in building P-1-3 due to the proximity of the solvent storage building (P-1-13) and the percussion element service magazine (P-1-4). Therefore it is likely that solvent cleaning of the brass cartridges was performed (with solvent from P-1-13) and then percussion elements were loaded into the primer cases.	This footnote either provides additional information or further clarifies the text; no document is referenced.
6- 50	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Page 5.	See CD #1, Doc. No. 00009321
6- 51	PRI-006682. Olin inter office memo entitled "Safety Audit – P Area," dated July 13, 1977.	See CD #1, Doc. No. 00015494
6- 52	PRI-002648. Olin, 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 53	Paul Moore, personal interview, on July 14, 1999.	See CD #3, Doc. MOORE,P
6- 54	PRI-00506. Olin Matheson Chemical Corporation, Olin Matheson Chemical Corporation, Ordill Works, Marion Illinois, Plant Building Directory, March 1963, Page 5.	See CD #1, Doc. No. 00013857
6- 55	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
6- 56	Deposition of Robert Myers, April 10, 1998, Pages 47-48	See CD #1, Doc. No. 00004173
6- 57	Deposition of Robert Myers, April 10, 1998, Page 49.	See CD #1, Doc. No. 00004173
6- 58	PRI-002648. Olin, 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 59	Deposition of John Miller, April 9, 1998, Pages 18-19.	See CD #1, Doc. No. 00004133
6- 60	Deposition of John Miller, April 9, 1998, Page 17.	See CD #1, Doc. No. 00004133
6- 61	Deposition of George Wisely, July 15, 1999, Page 38.	See CD #1, Doc. No. 00004216
6- 62	Deposition of John Miller, April 9, 1998, Page 17.	See CD #1, Doc. No. 00004133
6- 63	PRI-013438. Olin, Standard Operating Procedure, Scrapping of Hazardous Material, Building P-1-3, dated November 6, 1973.	See CD #1, Doc. No. 00009673
6- 64	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 65	PRI-006599. Olin, -Olin-Marion Wastewater Discharges/Sources: Group B, Status Report 11 November 1985.	See CD #1, Doc. No. 00015538
6- 66	PRI-016550. Olin, -Olin-Marion Wastewater Discharges/Sources: Group B, Status Report 1 June 1987.	See CD #2, Doc. No. 00026938
6- 67	PRI-016535. Olin, -Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated December 30, 1986.	See CD #2, Doc. No. 00026922
6- 68	PRI-010601. Attachment to Olin inter office memo entitled "Liquid Materials," dated April 8, 1981.	See CD #2, Doc. No. 00016596
6- 69	PRI-016285. Olin inter office memo entitled "Magazines, Warehouses, and Incinerator/Retort Status," dated January 11, 1982.	See CD #2, Doc. No. 00026381
6- 70	PRI-016272. Olin inter office memo entitled "Ammonium Nitrate on floor in P-1-3," dated August 12, 1982.	See CD #2, Doc. No. 00026317
6- 71	PRI-016272. Olin inter office memo entitled "Ammonium Nitrate on floor in P-1-3," dated August 12, 1982.	See CD #2, Doc. No. 00026317
6- 72	DOI 002502, DOI 002504, and DOI 002505. Winchester Ordnance Products, Hazardous Waste Facility Closure Plan, Ordill Industrial Area, S.O.P. 90,356 Rev. G 3/87, pages 1, 3, and 4.	See CD #2, Doc. No. 00019159
6- 73	MOCA is a chemical associated with propellant manufacturing.	This footnote either provides additional information or further clarifies the text; no document is referenced.
6- 74	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
6- 75	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 6.	See CD #1, Doc. No. 00007524
6- 76	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Page 12.	See CD #1, Doc. No. 00015017
6- 77	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 78	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 79	Original IOP Plan No.6544-101.12, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-12
6- 80	Original IOP Plan No.6544-101.34, last revision, December 9, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-34
6- 81	Undated USFWS map of Area 2-B with notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #3, Doc. MAP-2B
6- 82	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 83	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 84	PRI-010182. Attachment to Olin inter office memo entitled "P-1-84," dated April 26, 1988.	See CD #1, Doc. No. 00012501
6- 85	Note: Building P-1-81 is in the same location as the former IOP black powder service magazine building P-1-5. See Figure 6-1 and Figure 6-2 for details.	This footnote either provides additional information or further clarifies the text; no document is referenced.
6- 86	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993 (except in Area 2, which was analyzed from 1960-1993). The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH02
6- 87	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 7.	See CD #3, Doc. ENTECH02
6- 88	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321

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6- 89	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 90	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Page 5.	See CD #1, Doc. No. 00009321
6- 91	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 10.	See CD #1, Doc. No. 00009321
6- 92	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 17.	See CD #1, Doc. No. 00009321
6- 93	PRI-010182. Attachment to Olin inter office memo entitled "P-1-84," dated April 26, 1988.	See CD #1, Doc. No. 00012501
6- 94	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 6 and Figure 12.	See CD #3, Doc. ENTECH02
6- 95	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 7.	See CD #3, Doc. ENTECH02
6- 96	PRI-010177. Olin inter office memo entitled "P Area Storage Facilities," dated March 10, 1988.	See CD #1, Doc. No. 00012495
6- 97	PRI-010185 – PRI-010186. Olin inter office memo entitled "Energetic Polymer Synthesis," and attached notes, dated May 11, 1988.	See CD #1, Doc. No. 00012504
6- 98	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 99	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Page 12.	See CD #1, Doc. No. 00015017
6- 100	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 101	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 102	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 103	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 104	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 105	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 6.	See CD #1, Doc. No. 00007524

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6- 106	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 107	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 108	DPRA Document No. CO01262. Illinois Ordnance Plant Drawing entitled "Black Powder Dry House, Bldg P-1-8, Artillery Primer Line, Plans, Elevations, Sections & Details, Plan No. 200.88, dated November 7, 1941.	See CD #2, Doc. No. CO01262
6- 109	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Page 5.	See CD #1, Doc. No. 00009321
6- 110	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 111	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 112	No information was found regarding the definition of this acronym.	This footnote either provides additional information or further clarifies the text; no document is referenced.
6- 113	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
6- 114	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 6.	See CD #1, Doc. No. 00007524
6- 115	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 116	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 117	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 118	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 119	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
6- 120	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 6.	See CD #1, Doc. No. 00007524
6- 121	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 122	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321

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6- 123	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 2, Page 5.	See CD #1, Doc. No. 00009321
6- 124	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III, Section 1, Page 9.	See CD #1, Doc. No. 00009321
6- 125	DPRA Document No. CO01509. Illinois Ordnance Plant Drawing entitled "Black Powder Pelleting Bldg, Bldg P-1-10, Artillery Primer Line, Elevations, Sections & Details, Plan No. 6544-205.43, dated January 29, 1942.	See CD #2, Doc. No. CO01509
6- 126	PRI-00506. Olin Matheson Chemical Corporation, Olin Matheson Chemical Corporation, Ordill Works, Marion Illinois, Plant Building Directory, March 1963, Page 5.	See CD #1, Doc. No. 00013857
6- 127	PRI-008156. Olin inter office memo entitled "Marion Loss Prevention Audit, December 5-7, 1972," dated January 10, 1973.	See CD #1, Doc. No. 00015544
6- 128	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
6- 129	Deposition of John Miller, April 9, 1998, Page 19.	See CD #1, Doc. No. 00004133
6- 130	Deposition of John Miller, April 9, 1998, Page 143.	See CD #1, Doc. No. 00004133
6- 131	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
6- 132	Deposition of John Miller, April 9, 1998, Page 19.	See CD #1, Doc. No. 00004133
6- 133	PRI-009822. Olin, Standard Operating Procedure, S.O.P. No. 8309001, Pressing Trace Mix, Page 1.	See CD #1, Doc. No. 00012285
6- 134	PRI-008533. Olin inter office memo entitled "August, 1987 Hi-Lite Report," dated August 27, 1987.	See CD #1, Doc. No. 00015743
6- 135	Deposition of John Miller, April 9, 1998, Pages 146-151.	See CD #1, Doc. No. 00004133
6- 136	PRI-013783. Olin, Standard Operating Procedures, S.O.P. Number 90270, Operation of Vapor Degreaser - Building P-1-10, Page 1.	See CD #1, Doc. No. 00009792
6- 137	PRI-006617. Olin, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00009.	See CD #2, Doc. No. 00026949
6- 138	PRI-013783. Olin, Standard Operating Procedures, S.O.P. Number 90270, Operation of Vapor Degreaser - Building P-1-10, Page 1.	See CD #1, Doc. No. 00009792
6- 139	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 6.	See CD #1, Doc. No. 00007524
6- 140	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
6- 141	Original IOP Plan No.6544-101.12, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-12
6- 142	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 143	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 144	PRI-002648. Olin, 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 145	John Miller Deposition, April 9, 1998, Pages 17-19.	See CD #1, Doc. No. 00004133
6- 146	John Miller Deposition, April 9, 1998, Pages 17,18.	See CD #1, Doc. No. 00004133
6- 147	Deposition of George T. Wisely, July 15, 19999, Page 43.	See CD #1, Doc. No. 00004216
6- 148	PRI-00506. Olin Matheson Chemical Corporation, Olin Matheson Chemical Corporation, Ordill Works, Marion Illinois, Plant Building Directory, March 1963, Page 5.	See CD #1, Doc. No. 00013857
6- 149	PRI-013356. Olin, Standard Operating Procedure, S.O.P. No. 90,177, Operation of Incinerator, Disposal of Scrap Explosives.	See CD #1, Doc. No. 00009748
6- 150	PRI-013455. Olin, Standard Operating Procedure, S.O.P. No. 90,164, Scrapping of Hazardous Material – Bldg. P-1-11, Page 4.	See CD #1, Doc. No. 00009645
6- 151	Deposition of Robert Myers, April 10, 1998, Page 49.	See CD #1, Doc. No. 00004173
6- 152	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 6.	See CD #1, Doc. No. 00007524
6- 153	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 154	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 155	PRI-00506. Olin Matheson Chemical Corporation, Olin Matheson Chemical Corporation, Ordill Works, Marion Illinois, Plant Building Directory, March 1963, Page 5.	See CD #1, Doc. No. 00013857
6- 156	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 157	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 158	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
6- 159	John Miller Deposition, April 9, 1998, Page 17.	See CD #1, Doc. No. 00004133
6- 160	DPRA Document No. 00006467. List of Areas, Army Building Numbers, Leased Square Ft, and Refuge Square Ft; undated.	See CD #1, Doc. No. 00006467
6- 161	DPRA Document No. 00006449. Annual Cost CY 1975, dated April 20, 1976.	See CD #1, Doc. No. 00006449
6- 162	Original IOP Plan No.6544-101.12, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-12
6- 163	1943 and 1951 aerial photographs from the National Archives and Records Administration, College Park, Maryland (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 164	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 165	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 22.	See CD #1, Doc. No. 00009321
6- 166	U.S. FWS Contract No. 14-16-0003-81-126.	See CD #2, Doc. No. 81-126
6- 167	Entech, Inc. 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites – AUS OU, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Docs. ENTECHV1 and ENTECHV2
6- 168	Entech, Inc. 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites – AUS OU, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Docs. ENTECHV1 and ENTECHV2
6- 169	Entech, Inc. 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites – AUS OU, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Docs. ENTECHV1 and ENTECHV2
6- 170	PRI-00506. Olin Matheson Chemical Corporation, Olin Matheson Chemical Corporation, Ordill Works, Marion Illinois, Plant Building Directory, March 1963, Page 5.	See CD #1, Doc. No. 00013857
6- 171	Entech, Inc. 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites – AUS OU, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Docs. ENTECHV1 and ENTECHV2
6- 172	Entech, Inc. 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites – AUS OU, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Docs. ENTECHV1 and ENTECHV2
6- 173	Entech, Inc. 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites – AUS OU, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Docs. ENTECHV1 and ENTECHV2
6- 174	PRI-016222. Olin inter office memo entitled "Empty Boiler Treatment Drums," dated April 1, 1980.	See CD #2, Doc. No. 00026239
6- 175	PRI-002072. Olin, Releases/Spills Incident/Notification Forms, dated June 14, 1984.	See CD #1, Doc. No. 00009502
6- 176	PRI-00523. Olin, Letter to Wayne Adams at Fish & Wildlife Service regarding Olin continuing to maintain storage of fuel oil in underground tanks at "P" Area Boiler House, dated November 7, 1977.	See CD #1, Doc. No. 00014190
6- 177	PRI-016298. Olin inter office memo entitled "Water Discharges," dated February 12, 1982.	See CD #2, Doc. No. 00026410

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6- 178	PRI-016299. Olin inter office memo entitled "Water Discharges," dated February 12, 1982.	See CD #2, Doc. No. 00026410
6- 179	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 180	PRI-006617. Olin, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00009.	See CD #2, Doc. No. 00026949
6- 181	PRI-00506. Olin Matheson Chemical Corporation, Olin Matheson Chemical Corporation, Ordill Works, Marion Illinois, Plant Building Directory, March 1963, Page 5.	See CD #1, Doc. No. 00013857
6- 182	PRI-002648. Olin, 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 183	PRI-017483. Olin, Attachment 1, Facility Description to NESHAP Notification.	See CD #2, Doc. No. 00027354
6- 184	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 185	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 186	PRI-016721. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984, Fig. 1.	See CD #2, Doc. No. 00027057
6- 187	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 188	Original IOP Plan No.6544-101.12, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-12
6- 189	Original IOP Plan No.6544-101.12, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-12
6- 190	Original IOP Plan No.6544-101.12, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-12
6- 191	PRI-016721. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984, Fig. 1.	See CD #2, Doc. No. 00027057
6- 192	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 193	Original IOP Plan No.6544-101.12, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-12
6- 194	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02

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6- 195	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 196	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 197	PRI-002633. Map of I Area included as an attachment to Olin document entitled 1975 Safety Performance, Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 198	PRI-002775. Olin Corporation, Standard Operating Procedures, Mixers in Building P-1-1, Page 3.	See CD #1, Doc. No. 00015092
6- 199	PRI-013438 – PRI-013439. Olin, Standard Operating Procedure, Scrapping of Hazardous Material – Bldg. P-1-3, S.O.P. No. 90,168, dated November 6, 1973.	See CD #1, Doc. No. 00009673
6- 200	PRI-006672. Olin inter office memo entitled "P Area Safety Audit, 13 October 1977," dated October 18, 1977, Page 2.	See CD #1, Doc. No. 00015490
6- 201	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 202	PRI-002633. Map of I Area included as an attachment to Olin document entitled 1975 Safety Performance, Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 203	PRI-013438 – PRI-013439. Olin, Standard Operating Procedure, Scrapping of Hazardous Material – Bldg. P-1-3, S.O.P. No. 90,168, dated November 6, 1973.	See CD #1, Doc. No. 00009673
6- 204	PRI-016721. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984, Fig. 1.	See CD #2, Doc. No. 00027057
6- 205	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 206	DOI 001733. Olin, Building Usage, Lease #14-19-008-2675, July-September 1984.	See CD #2, Doc. No. 00018985
6- 207	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 208	DPPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 209	DPPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 7, and 10.	See CD #1, Doc. No. 00007524
6- 210	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 211	PRI-002633. Map of I Area included as an attachment to Olin document entitled 1975 Safety Performance, Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 212	PRI-002633. Map of I Area included as an attachment to Olin document entitled 1975 Safety Performance, Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383

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6- 213	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 214	PRI-016721. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984, Fig. 1.	See CD #2, Doc. No. 00027057
6- 215	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 216	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 217	Original IOP Plan No.6544-101.12, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-12
6- 218	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 219	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 220	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 221	DPRA Document No. 00014205. Olin, Rental Adjustment Thru 31 August 1980, Lease Contract No. 14-19-008-2675 and 14-16-0003-12613U, dated August 8, 1980, Page 5.	See CD #1, Doc. No. 00014205
6- 222	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 223	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 224	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 225	PRI-002633. Map of I Area included as an attachment to Olin document entitled 1975 Safety Performance, Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 226	PRI-002633. Map of I Area included as an attachment to Olin document entitled 1975 Safety Performance, Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 227	1980 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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6- 228	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 229	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 230	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 231	PRI-002648. Olin, 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 232	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 233	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 234	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 235	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 236	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 237	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 238	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 239	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 240	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 241	PRI-002648. Olin, 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 242	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 243	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 244	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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6- 245	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 246	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 247	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 248	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 249	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 250	PRI-016721. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984, Fig. 1.	See CD #2, Doc. No. 00027057
6- 251	Entech, Inc., 1999, Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH02
6- 252	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 253	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 254	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 255	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 256	PRI-002648. Olin, 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383
6- 257	PRI-016298. Olin inter office memo entitled "Water Discharges," dated February 12, 1982.	See CD #2, Doc. No. 00026410
6- 258	PRI-016550. Olin, -Olin-Marion Wastewater Discharges/Sources: Group B, Status Report 1 June 1987.	See CD #2, Doc. No. 00026938
6- 259	PRI-016299. Olin inter office memo entitled "Water Discharges," dated February 12, 1982.	See CD #2, Doc. No. 00026410
6- 260	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 261	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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6- 262	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 7, and 10.	See CD #1, Doc. No. 00007524
6- 263	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 264	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 7, and 10.	See CD #1, Doc. No. 00007524
6- 265	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 266	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 7, and 10.	See CD #1, Doc. No. 00007524
6- 267	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 268	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 269	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 270	DOI 003204. Olin Corporation, Certification Regarding Potential Releases from Solid Waste Management Units (Closure Plan Review), March 1987, Page 3.	See CD #2, Doc. No. 00019365
6- 271	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996.	See CD #1, Doc. No. 00015017
6- 272	PRI-010177. Olin inter office memo entitled "P Area Storage Facilities," dated March 10, 1988.	See CD #1, Doc. No. 00012495
6- 273	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 274	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 275	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Page 12.	See CD #1, Doc. No. 00015017
6- 276	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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6- 277	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 278	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 279	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 280	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 281	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 282	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 283	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 284	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 285	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 286	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 287	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 288	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 289	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 290	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 291	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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6- 292	These classifications, obtained from the Department of Transportation Hazmat Transport Regulations, indicate explosives ranging from those characterized as mass explosion hazards to those characterized with dangerous projections hazards and radiant heat or violent burning hazards. (See Table 6-1B).	This footnote either provides additional information or further clarifies the text; no document is referenced.
6- 293	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 294	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 295	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 296	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 297	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 298	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 299	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 300	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 301	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 302	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
6- 303	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 304	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 305	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 306	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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6- 307	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 308	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 309	DOI 001747. Olin, Building Usage, Lease #14-19-008-2675, October-December 1982.	See CD #2, Doc. No. 00018992
6- 310	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 311	DOI 003204. Olin Corporation, Certification Regarding Potential Releases from Solid Waste Management Units (Closure Plan Review), March 1987, Page 3.	See CD #2, Doc. No. 00019365
6- 312	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996.	See CD #1, Doc. No. 00015017
6- 313	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 314	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 315	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Page 12.	See CD #1, Doc. No. 00015017
6- 316	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 317	DOI 001747. Olin, Building Usage, Lease #14-19-008-2675, October-December 1982.	See CD #2, Doc. No. 00018992
6- 318	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 319	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 320	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 321	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 322	DOI 001747. Olin, Building Usage, Lease #14-19-008-2675, October-December 1982.	See CD #2, Doc. No. 00018992
6- 323	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
6- 324	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 325	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 326	DOI 001747. Olin, Building Usage, Lease #14-19-008-2675, October-December 1982.	See CD #2, Doc. No. 00018992
6- 327	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 328	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 329	DOI 001747. Olin, Building Usage, Lease #14-19-008-2675, October-December 1982.	See CD #2, Doc. No. 00018992
6- 330	PRI-006639. Attachment 13 to Olin inter office memo entitled "Air Source Inventory & Regulation Review/Recommendations," dated October 9, 1985.	See CD #2, Doc. No. 00026963
6- 331	PRI-010177. Olin inter office memo entitled "P Area Storage Facilities," dated March 10, 1988.	See CD #1, Doc. No. 00012495
6- 332	PRI-010177. Olin inter office memo entitled "P Area Storage Facilities," dated March 10, 1988.	See CD #1, Doc. No. 00012495
6- 333	PRI-010175. Olin inter office memo entitled "High Energy Propellant Meeting, 25 February 1988."	See CD #1, Doc. No. 00012493
6- 334	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 335	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 336	DOI 001747. Olin, Building Usage, Lease #14-19-008-2675, October-December 1982.	See CD #2, Doc. No. 00018992
6- 337	DPRA Document No. CO02161. Olin Ordnance Products, Q-D Map P Area, Drawing No. 6030125, dated May 21, 1985.	See CD #2, Doc. No. CO02161
6- 338	PRI-010177. Olin inter office memo entitled "P Area Storage Facilities," dated March 10, 1988.	See CD #1, Doc. No. 00012495
6- 339	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1 and 7.	See CD #1, Doc. No. 00007524
6- 340	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 341	PRI-010182. Attachment to Olin inter office memo entitled "P-1-84," dated April 26, 1988.	See CD #1, Doc. No. 00012501

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6- 342	PRI-010175. Olin inter office memo entitled "High Energy Propellant Meeting, 25 February 1988."	See CD #1, Doc. No. 00012493
6- 343	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 344	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 7.	See CD #3, Doc. ENTECH02
6- 345	PRI-010182. Attachment to Olin inter office memo entitled "P-1-84," dated April 26, 1988.	See CD #1, Doc. No. 00012501
6- 346	PRI-010182. Attachment to Olin inter office memo entitled "P-1-84," dated April 26, 1988.	See CD #1, Doc. No. 00012501
6- 347	PRI-010182. Attachment to Olin inter office memo entitled "P-1-84," dated April 26, 1988.	See CD #1, Doc. No. 00012501
6- 348	PRI-010182. Attachment to Olin inter office memo entitled "P-1-84," dated April 26, 1988.	See CD #1, Doc. No. 00012501
6- 349	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Pages 1, 7, and 10.	See CD #1, Doc. No. 00007524
6- 350	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
6- 351	ACO-5047 through ACO-5109 – Office of Field Director of Ammunition Plants, "Shut-Down and Decontamination Procedures for F.D.A.P. Facilities."	See CD #2, Doc. No. 00026036
6- 352	ACO-4979 through ACO-4980 – CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00026036
6- 353	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 354	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 12.	See CD #3, Doc. ENTECH02
6- 355	Entech, Inc. 1999. Site Specific Report on Area 2 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH02
6- 356	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 6 (Plan No. 6544-101.12).	See CD #1, Doc. No. 00009321
6- 357	Undated USFWS map of Area 2-B with notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #3, Doc. MAP-2B
6- 358	DPRA Document No. 00009327. Illinois Ordnance Plant, Report on Condition for Extended Non-use of Illinois Ordnance Plant, Carbondale, Illinois, for Reconstruction Finance Corporation, Office of Defense Plants, dated January 1, 1946, Pages 19 and 20.	See CD #1, Doc. No. 00009327

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6- 359	DPRA Document No. 00009327. Illinois Ordnance Plant, Report on Condition for Extended Non-use of Illinois Ordnance Plant, Carbondale, Illinois, for Reconstruction Finance Corporation, Office of Defense Plants, dated January 1, 1946, Plan No. 6544-502.75, Plate No. 10, Page 102.	See CD #1, Doc. No. 00009327
6- 360	DOI 004323. Olin, 1979 PCB Annual Document.	See CD #2, Doc. No. 00021486
6- 361	PRI-00635. Envirodyne Engineers, Report of Analysis, dated October 30, 1979.	See CD #1, Doc. No. 00014159
6- 362	DOI 004323. Olin, 1979 PCB Annual Document.	See CD #2, Doc. No. 00021486
6- 363	DOI 004343. Olin, 1982 PCB Inventory, P-Area.	See CD #2, Doc. No. 00021490
6- 364	DOI 004323. Olin, 1979 PCB Annual Document.	See CD #2, Doc. No. 00021486
6- 365	PRI-00635. Envirodyne Engineers, Report of Analysis, dated October 30, 1979.	See CD #1, Doc. No. 00014159
6- 366	DOI 004323. Olin, 1979 PCB Annual Document.	See CD #2, Doc. No. 00021486
6- 367	DOI 004412 and DOI 004413. Olin, Transformer Inventory-Olin/OP/RC, Pages 00001 and 00002.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 368	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 369	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 370	DOI 004403. Industrial Testing Laboratories, Inc., Report No. 84-7-166, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
6- 371	DOI 004412 and DOI 004414. Olin, Transformer Inventory-Olin/OP/RC, Pages 00001 and 00003.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 372	DOI 004394. Uniform Hazardous Waste Manifest, Document Number IL 1310998, dated May 2, 1985.	See CD #2, Doc. No. 00021494
6- 373	DOI 004412. Olin, Transformer Inventory-Olin/OP/RC, Page 00001.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 374	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 375	DOI 004338. Olin, 1982 PCB Annual Document for "PCB Transformers in Service."	See CD #2, Doc. No. 00021490
6- 376	DOI 004338. Olin, 1982 PCB Annual Document for "PCB Transformers in Service."	See CD #2, Doc. No. 00021490
6- 377	DOI 004403. Industrial Testing Laboratories, Inc., Report No. 84-7-166, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
6- 378	DOI 004414 and DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Pages 00003 and 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 379	DOI 004394. Uniform Hazardous Waste Manifest, Document Number IL 1310998, dated May 2, 1985.	See CD #2, Doc. No. 00021494

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6- 380	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 381	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 382	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 383	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 384	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 385	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 386	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 387	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 388	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 389	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 390	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 391	DOI 004413 and DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Pages 00002 and 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 392	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 393	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 394	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 395	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 396	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 397	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 398	DOI 004348. Olin, 1982 PCB Inventory, F-Area Storage.	See CD #2, Doc. No. 00021490
6- 399	DOI 004337. Olin, 1982 PCB Annual Document for "PCB Transformers in Storage."	See CD #2, Doc. No. 00021489
6- 400	DOI 004337. Olin, 1982 PCB Annual Document for "PCB Transformers in Storage."	See CD #2, Doc. No. 00021489

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6- 401	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 402	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 403	DOI 004403. Industrial Testing Laboratories, Inc., Report No. 84-7-166, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
6- 404	DOI 004414 and DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Pages 00003 and 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 405	DOI 004398. Uniform Hazardous Waste Manifest, Document Number IL 1311047, dated November 20, 1985.	See CD #2, Doc. No. 00021583
6- 406	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 407	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 408	DOI 004403. Industrial Testing Laboratories, Inc., Report No. 84-7-166, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
6- 409	DOI 004414 and DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Pages 00003 and 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 410	DOI 004398. Uniform Hazardous Waste Manifest, Document Number IL 1311047, dated November 20, 1985.	See CD #2, Doc. No. 00021583
6- 411	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 412	PRI-00625. Olin, "Oct. 1979 PCB Transformer Inventory, (P-Area)."	See CD #1, Doc. No. 00014140
6- 413	DOI 004403. Industrial Testing Laboratories, Inc., Report No. 84-7-166, dated August 8, 1984, Page 2.	See CD #2, Doc. No. 00021587
6- 414	DOI 004415 and DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Pages 00004 and 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 415	DOI 004398. Uniform Hazardous Waste Manifest, Document Number IL 1311047, dated November 20, 1985.	See CD #2, Doc. No. 00021583
6- 416	DOI 004416. Olin, Transformer Inventory-Olin/OP/RC, Page 00005.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 417	DOI 004412 - DOI 004425. Olin, Transformer Inventory-Olin/OP/RC, dated February 13, 1986.	See CD #2, Doc. No. 00021594 (CBI Redacted)
6- 418	PRI-002241. Olin Mathieson Chemical Corporation Inter-Office memo entitled "Identity of RCB Scrap sent to Burning Grounds for 6/5/58," dated June 10, 1958.	See CD #1, Doc. No. 00015380
6- 419	PRI-002629. Olin, 1975 Safety Performance Technical Systems Operation, Marion, Illinois.	See CD #1, Doc. No. 00015383

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
6- 420	Olin's burning grounds for explosive materials were moved from place to place during the time open burning was allowed on the Refuge. Refer to Section 14 of this report for the various locations of the burning grounds.	This footnote either provides additional information or further clarifies the text; no document is referenced.
6- 421	Deposition of Mr. John Miller, April 9, 1998, Pages 80 and 81.	See CD #1, Doc. No. 00004133
6- 422	DOI 004465, DOI 004467, and DOI 004469. Olin document submitted as part of their Section 104(e) response regarding open burning at the Refuge.	See CD #2, Doc. No. 00021620
6- 423	CRO 001662. CONWR, Letter to Trojan – U. S. Powder regarding discontinuing open burning at the Refuge, dated March 17, 1970.	See CD #2, Doc. No. 00025722
6- 424	Deposition of Mr. John Miller, April 9, 1998, Pages 131 and 132.	See CD #1, Doc. No. 00004133
6- 425	PRI-016594. Olin inter office memo entitled "Explosive Sumps," dated June 3, 1977.	See CD #2, Doc. No. 00026968
6- 426	PRI-016594. Olin inter office memo entitled "Explosive Sumps," dated June 3, 1977.	See CD #2, Doc. No. 00026968
6- 427	PRI-009681 – PRI-009698. Olin document showing a list of suppliers for materials used in Area 2P.	See CD #1, Doc. No. 00012349
6- 429	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
6- 430	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Figure 12-1.	See CD #2, Doc. No. 00022621
6- 431	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
6- 432	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Page 16-1.	See CD #2, Doc. No. 00022621
6- 433	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Figure 12-1.	See CD #2, Doc. No. 00022621
6- 434	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Page 17-1.	See CD #2, Doc. No. 00022621
6- 435	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987.	See CD #2, Doc. No. 00018887
6- 436	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Figure 18-1.	See CD #2, Doc. No. 00022621

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6- 437	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Page 18-1.	See CD #2, Doc. No. 00022621
6- 438	DPRa Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/Fs, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
6- 439	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
6- 440	O'Brien & Gere, 1988, Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Page 18-2.	See CD #2, Doc. No. 00022621
6- 441	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #1, Doc. No. 00000797
6- 442	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, page 5-7 and page ES-ii.	See CD #1, Doc. No. 00000797
6- 443	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, page 5-7 and 5-8.	See CD #1, Doc. No. 00000797
6- 444	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, page 5-44 and Table 5-13b. The text incorrectly states that trichloroethane was detected. See Table 5-13b. One of the surface water samples was collected upstream of Site 10, which is Site 9, as shown in Figure 4-3.	See CD #1, Doc. No. 00000797
6- 445	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, page 5-32.	See CD #1, Doc. No. 00000797
6- 446	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, page 5-9 and page ES-ii.	See CD #1, Doc. No. 00000797
6- 447	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, page 5-10 and page ES-ii.	See CD #1, Doc. No. 00000797
6- 448	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
6- 449	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part III Section 2 Page 5.	See CD #1, Doc. No. 00009321

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6- 450	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft, and therefore, acceptable for locating site features such as this one.	This footnote either provides additional information or further clarifies the text; no document is referenced.
6- 451	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
6- 452	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
6- 453	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
6- 454	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
6- 455	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
6- 456	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
6- 457	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
6- 458	USEPA. 1999a. National Recommended Water Quality Criteria—Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
6- 459	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm

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6- 460	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecses/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecses/ecolbul.htm
6- 461	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225
6- 462	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
6- 463	These classifications were obtained from the Department of Transportation Hazmat Transport Regulations, 49 CFR 173.58: Assignment of class and division for new explosives.	This footnote either provides additional information or further clarifies the text; no document is referenced.
6- 464	This indicated either the maximum amount allowed in a particular building/bay, or it indicated the amount that was actually located in these buildings at the time the map was created.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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7- 1	DPRA Document No. 00009433. National Wildlife Refuge System, Fish and Wildlife Service, U.S. Department of the Interior, Crab Orchard National Wildlife Refuge, Carterville, Illinois, Annual Narrative Report, Calendar Year 1976, Page 5.	See CD #1, Doc. No. 00009433
7- 2	DPRA Document No. 00007505. Attachment No. 1 to "Special Amendment No. 13 to Building Lease Contract No. 14-16-0003-81-528, Olin Corporation, dated December 31, 1995.	See CD #1, Doc. No. 00007505
7- 3	DPRA Document No. 00016084. U.S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge Annual Narrative Report, Calendar Year 1992, Page 54.	See CD #2, Doc. No. 00016084
7- 4	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, Page 10.	See CD #1, Doc. No. 00007524
7- 5	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
7- 6	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
7- 7	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7, and Volume II: MAPS, Page B. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993 (except in Area 2, which was analyzed from 1960-1993). The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3. Docs. ENTECHV1 and ENTECHV2
7- 8	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
7- 9	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
7- 10	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
7- 11	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1

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7- 12	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
7- 13	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
7- 14	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
7- 15	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
7- 16	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
7- 17	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
7- 18	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7, and Volume II: MAPS, Page B.	See CD #3, Docs. ENTECHV1 and ENTECHV2
7- 19	DPRA Document No. 00006406. Attachment "C", Land, Dated November 8, 1976. Identifies several companies at CONWR.	See CD #1, Doc. No. 00006406
7- 20	DPRA Document No. 00006409. Special Area Designations Map associated with Attachment "C", Land, Dated November 8, 1976. Identifies several companies at CONWR.	See CD #1, Doc. No. 00006409
7- 21	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
7- 22	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
7- 23	Elaine L. Moore, USFWS, September 19, 2001.	Information obtained during telephone conversation. A hard copy is not available.
7- 24	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appear	This footnote either provides additional information or further clarifies the text; no document is referenced.
7- 25	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm

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7- 26	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
7- 27	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. <i>Rev Environ. Contam. Toxicol</i> 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
7- 28	Efroymson, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. <i>ES/ER/TM-85/R3</i> ; Efroymson, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. <i>ES/ER/TM-126/R2</i> .	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
7- 29	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
7- 30	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
7- 31	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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8- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (Plan No. 6544-101.06).	See CD #1, Doc. No. 00009321
8- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (Plan No. 6544-101.06).	See CD #1, Doc. No. 00009321
8- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (plan no. 6544-101.06).	See CD #1, Doc. No. 00009321
8- 4	Information obtained from site reconnaissance performed by URS Corporation, April 7, 1999.	This footnote either provides additional information or further clarifies the text; no document is referenced.
8- 5	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 45 (Plan drawings for building S-4-1).	See CD #1, Doc. No. 00009321
8- 6	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 45 (Plan drawings for building S-4-1).	See CD #1, Doc. No. 00009321
8- 7	Interview with Mr. C.C. Hoffard as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations and Ownership History, Crab Orchard National Wildlife Refuge, Page B-24.	See CD #3, Doc. HOFFARD,C
8- 8	Interview with Mr. C.C. Hoffard as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations and Ownership History, Crab Orchard National Wildlife Refuge, Page B-24.	See CD #3, Doc. HOFFARD,C
8- 9	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 2 – dated August 5, 1951. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH04
8- 10	DPRA Document No. 0009324. U.S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Narrative Report, September thru December, 1958, Page 25.	See CD #1, Doc. No. 00009324
8- 11	CRO 000117. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1969, Page 64.	See CD #2, Doc. No. 00025421
8- 12	DOI 0005121. Hauling Contract between U.S. Powder Company, Division of Commercial Solvents Corporation and Ben R. Schilli, doing business as Schilli Transportation, dated October 1, 1963.	See CD #2, Doc. No. 00021808
8- 13	Entech, Inc., 2000, Site Specific Report on Area 4 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH04
8- 14	ACC 000054. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 15	CRO 000526. Lease Contract No. 14-16-0003-13539 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Shamrock Boat Manufacturing Company, dated July 1, 1971, Page 1.	See CD #2, Doc. No. 00025236

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8- 16	DPRA Document No. 00018250. Shamrock Boat Manufacturing Company, Letter to USFWS regarding cancellation of Lease no. 14-16-0003-13539, dated May 31, 1972.	See CD #2, Doc. No. 00018250
8- 17	DPRA Document No. 00018242. Iowa Hardware Mutual Insurance Company, Binder Notice, Building S-4-1.	See CD #2, Doc. No. 00018242
8- 18	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
8- 19	FWM 000933. Lease Contract No. 14-16-0003-60,633 by and between U.S. Fish and Wildlife Service and East Side Lumberyard Supply Company, dated July 1, 1974, Page 1.	See CD #2, Doc. No. 00024953
8- 20	FWM 000935. Amendment No. 1 to Lease Contract No. 14-16-0003-30,633, East Side Lumberyard Supply Company, dated July 1, 1979.	See CD #2, Doc. No. 00024955
8- 21	DPRA Document No. 00006375. Building Lease Contract No. 14-16-0003-84-546 by and between U.S. Fish and Wildlife Service and East Side Lumberyard Supply Company, dated July 1, 1974, Pages 1-2.	See CD #1, Doc. No. 00006375
8- 22	DPRA Document No. 00013091. Amendment No. 2 to Building Lease Contract No. 14-16-0003-84-546, East Side Lumberyard Supply Company, dated effective June 1, 1990.	See CD #1, Doc. No. 00013091
8- 23	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 6 - dated August 23, 1980.	See CD #3, Doc. ENTECH04
8- 24	CRO 000381. East Side Lumberyard Supply Co. Inc., Questionnaire for Federal Facilities or Environmental Compliance Profile, submitted as part of their CERCLA Section 104(e) response.	See CD #2, Doc. No. 00025126
8- 25	Information obtained from site reconnaissance performed by URS Corporation, April 7, 1999.	This footnote either provides additional information or further clarifies the text; no document is referenced.
8- 26	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (plan no. 6544-101.06).	See CD #1, Doc. No. 00009321
8- 27	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 46 (Plan drawings for building S-4-2).	See CD #1, Doc. No. 00009321
8- 28	Information obtained from site reconnaissance performed by URS Corporation, April 7, 1999.	This footnote either provides additional information or further clarifies the text; no document is referenced.
8- 29	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 1 - dated February 7, 1943.	See CD #3, Doc. ENTECH04
8- 30	CRO 001570. Special Use Permit No. SUP-35-74, dated January 9, 1974.	See CD #2, Doc. No. 00025451
8- 31	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 2 - dated August 5, 1951 and Figure 3 - dated May 1, 1960.	See CD #3, Doc. ENTECH04

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8- 32	DPR A Document No. 00006467. CONWR, List of Refuge buildings with both the USFWS and IOP building number designations, square footage, areas, and some handwritten notations. Contains some information regarding the moving of buildings and sometimes when this occurred, and some information regarding buildings that were removed. Document is not dated.	See CD #1, Doc. No. 00006467
8- 33	DPR A Document No. 00006467. CONWR, List of Refuge buildings with both the USFWS and IOP building number designations, square footage, areas, and some handwritten notations. Contains some information regarding the moving of buildings and sometimes when this occurred, and some information regarding buildings that were removed. Document is not dated.	See CD #1, Doc. No. 00006467
8- 34	Undated USFWS map of Area 4 with notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #3, Doc. MAP-04
8- 35	DPR A Document No. 00006467. CONWR, List of Refuge buildings with both the USFWS and IOP building number designations, square footage, areas, and some handwritten notations. Contains some information regarding the moving of buildings and sometimes when this occurred, and some information regarding buildings that were removed. Document is not dated.	See CD #1, Doc. No. 00006467
8- 36	Undated USFWS map of Area-4 with notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #3, Doc. MAP-04
8- 37	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
8- 38	DPR A Document No. 00007078. Building Lease Contract No. 14-16-0003-83-538 between U. S. Fish and Wildlife Service and Southern Illinois University (SIU-C) School of Technical Careers, Career Development Center, dated February 15, 1983, Pages 1-2.	See CD #1, Doc. No. 00007078
8- 39	FWM 000911. Assignment of Lease, by and between Diagraph Corporation and Board of Trustees of Southern Illinois University, dated January 1985.	See CD #2, Doc. No. 00022331
8- 40	DOI 000595. Amendment No. 2 to Building Lease Contract No. 14-16-0003-82-534, Diagraph Bradley Industries, Inc., dated February 1, 1985.	See CD #2, Doc. No. 00018249
8- 41	DPR A Document No. 00019358. Amendment No. 10 to Building Lease Contract No. 14-16-0003-82-534, Diagraph Bradley, dated August 1, 1990.	See CD #2, Doc. No. 00019358
8- 42	DPR A Document No. 00007078. Building Lease Contract No. 14-16-0003-83-538 between U. S. Fish and Wildlife Service and Southern Illinois University (SIU-C) School of Technical Careers, Career Development Center, dated February 15, 1983, Pages 1-2.	See CD #1, Doc. No. 00007078
8- 43	DOI 000595. Amendment No. 2 to Building Lease Contract No. 14-16-0003-82-534, Diagraph Bradley Industries, Inc., dated February 1, 1985.	See CD #2, Doc. No. 00018249
8- 44	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (plan no. 6544-101.06).	See CD #1, Doc. No. 00009321

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8- 45	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 2 – dated August 5, 1951.	See CD #3, Doc. ENTECH04
8- 46	ACC 000054. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 47	DPRA Document No. 00022854. Special Use Permit No. C.O. Ind.-18 , May 1951.	See CD #2, Doc. No. 00022854
8- 48	DPRA Document No. 00022880. Special Use Permit No. C.O. Ind-69, dated April 1, 1953.	See CD #2, Doc. No. 00022880
8- 49	DPRA Document No. 00009150. Special Use Permit No. C.O. Ind.-53, dated August 15, 1952.	See CD #1, Doc. No. 00009150
8- 50	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
8- 51	CRO 000381. East Side Lumberyard Supply Co. Inc., Questionnaire for Federal Facilities or Environmental Compliance Profile, submitted as part of their 1041e) response.	See CD #2, Doc. No. 00025126
8- 52	DPRA Document No. 00009351. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1958, Page 18.	See CD #1, Doc. No. 00009351
8- 53	ACC 000054. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 54	ACO 002327. – United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
8- 55	DPRA Document No. 00009351. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1958, Page 18.	See CD #1, Doc. No. 00009351
8- 56	ACC 000054. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 57	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
8- 58	United States Department of the Interior, Report of Survey, Enclosure 1, dated March 10, 1999, Page 2. This document was obtained from USFWS at CONWR .	See CD #3, Doc. RPTSVY
8- 59	ACC 000054. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 60	CRO 001864. Lists of Tenants containing Buildings, Rental Fees, and Expiration Dates at Crab Orchard National Wildlife Refuge, dated October 1, 1980.	See CD #2, Doc. No. 00025754
8- 61	CRO 001864. Lists of Tenants containing Buildings, Rental Fees, and Expiration Dates at Crab Orchard National Wildlife Refuge, dated October 1, 1980.	See CD #2, Doc. No. 00025754
8- 62	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 4 – dated October 16, 1965.	See CD #3, Doc. ENTECH04

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8- 63	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 4 – dated October 16, 1965.	See CD #3, Doc. ENTECH04
8- 64	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 5 – dated October 14, 1971.	See CD #3, Doc. ENTECH04
8- 65	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 6 – dated August 23, 1980.	See CD #3, Doc. ENTECH04
8- 66	United States Department of the Interior, Report of Survey, Enclosure 1, dated March 10, 1999, Page 2. This document was obtained from USFWS at CONWR .	See CD #3, Doc. RPTSVY
8- 67	United States Department of the Interior, Report of Survey, Enclosure 1, dated March 10, 1999, Page 2. This document was obtained from USFWS at CONWR .	See CD #3, Doc. RPTSVY
8- 68	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 1 – dated February 7, 1943.	See CD #3, Doc. ENTECH04
8- 69	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 2 – dated August 5, 1951.	See CD #3, Doc. ENTECH04
8- 70	DPRA Document No. 00009351. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1958, Page 18.	See CD #1, Doc. No. 00009351
8- 71	DPRA Document No. 00009351. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1958, Page 18.	See CD #1, Doc. No. 00009351
8- 72	DPRA Document No. 00016020. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, January through April, 1962, Table No. 6; AND, DPRA Document No. 00016031. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, May thru August, 1962, Table No. VI.	See CD #1, Doc. Nos. 00016020 and 00016031
8- 73	CRO 001217. Lease Contract No. 14-16-0003-6168 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Electric and Machine Company, dated November 12, 1963, Page 1.	See CD #2, Doc. No. 00024910
8- 74	CRO 001237. Lease Contract No. 14-16-003-13,561 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Electric and Machine Company, dated October, 89, 1971, Page 1.	See CD #2, Doc. No. 00024825
8- 75	CRO 000397 – CRO 000398. Building Lease Contract No. 14-16-0003-81-512 by and between U. S. Fish and Wildlife Service and ELMAC Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00025133
8- 76	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 77	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 78	CRO 000064. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Narrative Report, September thru December, 1963, Page 33.	See CD #2, Doc. No. 00025413

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8- 79	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 4 – dated October 16, 1965.	See CD #3, Doc. ENTECH04
8- 80	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 4 – dated October 16, 1965.	See CD #3, Doc. ENTECH04
8- 81	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 82	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
8- 83	CRO 000783. U. S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Thru April, 1957, Page 3.	See CD #2, Doc. No. 00024771
8- 84	CRO 000785. U. S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Thru April, 1957, Page 18.	See CD #2, Doc. No. 00024771
8- 85	DPRA Document No. 00009351. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1958, Page 18.	See CD #1, Doc. No. 00009351
8- 86	CRO 000896. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Narrative Report, January thru April, 1961, Page 25.	See CD #2, Doc. No. 00024796
8- 87	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 3 - dated May 1, 1960.	See CD #3, Doc. ENTECH04
8- 88	DPRA Document No. 00016013. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1961, Table No. IV.	See CD #1, Doc. No. 00016013
8- 89	DPRA Document No. 00009338. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1963, Page 27.	See CD #1, Doc. No. 00009338
8- 90	DPRA Document No. 00016013. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1961, Table No. IV.	See CD #1, Doc. No. 00016013
8- 91	DPRA Document No. 00016036. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1963, Table No. III.	See CD #1, Doc. No. 00016036
8- 92	CRO 001217. Lease Contract No. 14-16-0003-6168 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Electric and Machine Company, dated November 12, 1963, Page 1.	See CD #2, Doc. No. 00024910
8- 93	CRO 001237. Lease Contract No. 14-16-003-13,561 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Electric and Machine Company, dated October, 89, 1971, Page 1.	See CD #2, Doc. No. 00024825

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8- 94	CRO 000397 – CRO 000398. Building Lease Contract No. 14-16-0003-81-512 by and between U. S. Fish and Wildlife Service and ELMAC Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00025133
8- 95	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 96	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 97	CRO 000064. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Narrative Report, September thru December, 1963, Page 33.	See CD #2, Doc. No. 00025413
8- 98	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 99	DOI 000179. Diagraph Corporation's response to request for information pursuant to Section 104 (e), dated July 19, 1989, Page 2.	See CD #2, Doc. No. 00018235
8- 100	Olin's ordnance manufacturing division was spun off to Primex Technologies, Inc. (Primex) at the end of 1996. General Dynamics Corporation acquired Primex in January 2001. Primex became a wholly owned subsidiary of General Dynamics and changed its name to General Dynamics Ordnance and Tactical Systems, Inc. (GDO&TS).	See CD #3, Docs. PRIMEXLTR and AMENNO13
8- 101	DPRA Document No. 00017594. USFWS, copy of e-mail from Doyle Case to Gerald C, Mohl regarding an industrial building fire at Building S-4-5, dated July 6, 1998.	See CD #2, Doc. No. 00017594
8- 102	DPRA Document No. 00017594. USFWS, copy of e-mail from Doyle Case to Gerald C, Mohl regarding an industrial building fire at Building S-4-5, dated July 6, 1998.	See CD #2, Doc. No. 00017594
8- 103	DPRA Document No. 00017680. USFWS, Letter from Daniel Doshier to Primex Technologies, Inc. regarding the demolition of Building S-4-5 and the renovation of Building S-3-3, dated December 9, 1998.	See CD #2, Doc. No. 00017680
8- 104	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 1 – dated February 7, 1943.	See CD #3, Doc. ENTECH04
8- 105	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (plan no. 6544-101.06).	See CD #1, Doc. No. 00009321
8- 106	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 2 – dated August 5, 1951.	See CD #3, Doc. ENTECH04
8- 107	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 2 – dated August 5, 1951.	See CD #3, Doc. ENTECH04
8- 108	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 2 – dated August 5, 1951.	See CD #3, Doc. ENTECH04
8- 109	The Fire Station Landfill was Site 29 of the Metals Areas Operable Unit. It was remediated in the mid-1990s.	This footnote either provides additional information or further clarifies the text; no document is referenced.
8- 110	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 3 –dated May 1, 1960.	See CD #3, Doc. ENTECH04

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8- 111	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 4 – dated October 16, 1965.	See CD #3, Doc. ENTECH04
8- 112	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 5 – dated October 14, 1971.	See CD #3, Doc. ENTECH04
8- 113	Elaine L. Moore, USFWS, September 19, 2001.	Information obtained during telephone conversation. A hard copy is not available.
8- 114	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 4 – dated October 16, 1965 and Figure 5 – dated October 14, 1971.	See CD #3, Doc. ENTECH04
8- 115	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 6 – dated August 23, 1980.	See CD #3, Doc. ENTECH04
8- 116	DPRA Document No. 00006406. Attachment "C", Land that identifies several companies at CONWR, dated November 8, 1976.	See CD #1, Doc. No. 00006406
8- 117	DPRA Document No. 00006409. Special Area Designations Map associated with "Attachment C, Land," dated November 8, 1976.	See CD #1, Doc. No. 00006409
8- 118	CRO 001217. Lease Contract No. 14-16-0003-6168 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Electric and Machine Company, dated November 12, 1963, Page 1.	See CD #2, Doc. No. 00024910
8- 119	CRO 001237. Lease Contract No. 14-16-003-13,561 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Electric and Machine Company, dated October, 89, 1971, Page 1.	See CD #2, Doc. No. 00024825
8- 120	CRO 000397 – CRO 000398. Building Lease Contract No. 14-16-0003-81-512 by and between U. S. Fish and Wildlife Service and ELMAC Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00025133
8- 121	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
8- 122	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 7 dated March 28, 1993.	See CD #3, Doc. ENTECH04
8- 123	See Table 2-6 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6
8- 124	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
8- 125	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part 1, Section 5, Page 2 (plan no. 6544-101.06).	See CD #1, Doc. No. 00009321

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8- 126	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft.	This footnote either provides additional information or further clarifies the text; no document is referenced.
8- 127	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/corisk/ecossl.htm
8- 128	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
8- 129	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. <i>Rev Environ. Contam. Toxicol</i> 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
8- 130	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
8- 131	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
8- 132	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
8- 133	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
8- 134	USEPA. 1999a. National Recommended Water Quality Criteria–Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
8- 135	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
8- 136	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm

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ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.

ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

8- 138

DPRA Document No. 00006432. List of Refuge Lessees – unknown date.

See CD #1, Doc. No. 00006432

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9- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (Plan No. 6544-101.06).	See CD #1, Doc. No. 00009321
9- 2	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
9- 3	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
9- 4	DPRAs Document No. 00007078. Building Lease Contract No. by and between U. S. Fish and Wildlife Service and Southern Illinois University (SIU-C), School of Technical Careers, Career Development Center, February 15, 1983, Pages 1-2.	See CD #1, Doc. No. 00007078
9- 5	FWM 001288. Amendment No. 1 to Building Lease Contract No. 14-16-0003-83-538, "University Lease No. 22259326," Southern Illinois University (SIU-C), School of Technical Careers, Career Development Center, Dated February 1, 1985.	See CD #2, Doc. No. 00025003
9- 6	DOI 000595. Amendment No. 2 to Building Lease Contract No. 14-16-0003-82-534, Diagraph Bradley Industries, Inc., dated February 1, 1985.	See CD #2, Doc. No. 00018249
9- 7	DPRAs Document No. 00019358. Amendment No. 10 to Building Lease Contract No. 14-16-0003-82-534, Diagraph Corporation, dated August 1, 1990.	See CD #2, Doc. No. 00019358
9- 8	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
9- 9	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 3 -dated May 1, 1960 and Figure 5 - dated October 14, 1971. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH04
9- 10	DPRAs Document No. CO01651. Illinois Ordnance Plant, Carbondale Illinois, Tool &Gage Shop, Shop Area Building S-1-2, Plumbing Layout, Plan No. 6544 400.21, dated December 4, 1941.	See CD #2, Doc. No. CO01651
9- 11	NAR 000498. U. S. Public Health Service, Letter to the War Department regarding an industrial hygiene medical re-survey of the IOP, dated February 15, 1944, (part of a document entitled "Illinois Ordnance Plant, Carbondale, Illinois, Historical Record," dated January 1, 1944 to April 1, 1944.	See CD #2, Doc. No. 00023046
9- 12	DOI 000098. American Magnetics Corporation's response to Section 104 (e) request, dated June 12, 1989.	See CD #2, Doc. No. 00017949
9- 13	DPRAs Document No. 00009081. Lease Data – Industrial Unit, Crab Orchard Refuge, dated August 31, 1949, Page 2.	See CD #1, Doc. No. 00009081

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9- 14	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease data, Industrial Unit, June 1, 1951, Page 16.	See CD #1, Doc. No. 00009039
9- 15	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
9- 16	CRO 001575A. Herrin Daily Journal, Newspaper article about factories attending a Chamber of Commerce dinner, dated March 30, 1949.	See CD #2, Doc. No. 00025464
9- 17	DOI 000098. American Magnetics Corporation's response to Section 104 (e) request, dated June 12, 1989.	See CD #2, Doc. No. 00017949
9- 18	DOI 000098. American Magnetics Corporation's response to Section 104 (e) request, dated June 12, 1989.	See CD #2, Doc. No. 00017949
9- 19	DOI 000098. American Magnetics Corporation's response to Section 104 (e) request, dated June 12, 1989.	See CD #2, Doc. No. 00017949
9- 20	DOI 000098. American Magnetics Corporation's response to Section 104 (e) request, dated June 12, 1989.	See CD #2, Doc. No. 00017949
9- 21	CRO 000445. National Reproductions, Inc., Letter to the USFWS regarding termination of their lease, dated March 30, 1973.	See CD #2, Doc. No. 00025169
9- 22	CRO 000825. U. S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1959, Page 25.	See CD #2, Doc. No. 00024784
9- 23	CRO 000445. National Reproductions, Inc., Letter to the USFWS regarding termination of their lease, dated March 30, 1973.	See CD #2, Doc. No. 00025169
9- 24	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
9- 25	DOI 000179. Diagraph Corporation's response to request for information pursuant to Section 104 (e), dated July 19, 1989, Page 2.	See CD #2, Doc. No. 00018235
9- 26	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
9- 27	DPRA Document No. COC1663. Illinois Ordnance Plant, Carbondale Illinois, Laboratory Building, Shop Area, S-1-3, Plumbing Layout, Plan No. 6544 400.43, dated March 25, 1942.	See CD #2, Doc. No. CO01663
9- 28	ACL 000692. Lease for B. E. Brennan and Company dated September 18, 1946, Page 1.	See CD #2, Doc. No. 00022835
9- 29	DPRA Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 4.	See CD #1, Doc. No. 00009059
9- 30	DPRA Document No. 00009081. Lease Data – Industrial Unit, Crab Orchard Refuge, dated August 31, 1949, Page 1.	See CD #1, Doc. No. 00009081
9- 31	DOI 000179. Diagraph Corporation's response to request for information pursuant to Section 104 (e), dated July 19, 1989, Page 2.	See CD #2, Doc. No. 00018235

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9- 32	DPRA Document No. 00016031. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1962, Page 27 and Table No. VI.	See CD #1, Doc. No. 00016031
9- 33	DPRA Document No. 00016031. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May thru August, 1962, Page 27 and Table No. VI.	See CD #1, Doc. No. 00016031
9- 34	DPRA Document No. 00009398. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Narrative Report, Crab Orchard National Wildlife Refuge, January Thru April, 1959, Page 24.	See CD #1, Doc. No. 00009398
9- 35	DPRA Document No. 00009398. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Narrative Report, Crab Orchard National Wildlife Refuge, January Thru April, 1959, Page 24.	See CD #1, Doc. No. 00009398
9- 36	ACC 000056. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
9- 37	ACC 000056. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
9- 38	Doyle Case, personal interview, August 2001.	Information obtained during telephone conversation. A hard copy is not available.
9- 39	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
9- 40	DPRA Document No. COC1650. Illinois Ordnance Plant, Marion, Illinois, Pipe & Plumbing Building, Shop Area, Building S-2-1, Plumbing Layout, Plan No. 6544 400.20, dated December 27, 1941.	See CD #2, Doc. No. CO01650
9- 41	CRO 001204. Letter to Diagraph regarding the leasing Building S-2-1, dated February 19, 1947.	See CD #2, Doc. No. 00022503
9- 42	DPRA Document No. 00001298. IOP, Memorandum to the IOP CONWR regarding Diagraph Bradley lease for Building S-2-1, dated December 30, 1947.	See CD #1, Doc. No. 00001298
9- 43	DPRA Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 17.	See CD #1, Doc. No. 00009059
9- 44	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease data, Industrial Unit, June 1, 1951, Page 6.	See CD #1, Doc. No. 00009039
9- 45	CRO 000211. CONWR, Analysis of Industrial Tenants employing labor, dated March 18, 1955, Page 1.	See CD #2, Doc. No. 00025038
9- 46	CRO 001577. Newspaper article about factories attending a Chamber of Commerce dinner, dated March 30, 1949.	See CD #2, Doc. No. 00025457
9- 47	ACO 000037. United States Department of Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September through December, 1955, Table VIII.	See CD #1, Doc. No. 00009395

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9- 48	DPRA Document No. 00009343. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1961, Page 25.	See CD #1, Doc. No. 00009343
9- 49	DPRA Document No. 00009343. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1961, Page 25.	See CD #1, Doc. No. 00009343
9- 50	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
9- 51	CRO 001353. Lease Contract No. 14-16-0003-30,634 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Mental Health Services of Franklin and Williamson Counties, Inc., May 1, 1974, Page 1.	See CD #2, Doc. No. 00025048
9- 52	CRO 001369. Amendment No. 4 to Lease Contract No. 14-16-0003-30,364, Mental Health Services of Franklin and Williamson Counties, Inc.	See CD #2, Doc. No. 00025122
9- 53	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
9- 54	Deposition of Frank Wilkie, October 14, 1999, Pages 51-52.	See CD #1, Doc. No. 384098
9- 55	DOI 000098. American Magnetics Corporation's response to Section 104 (e) request, dated June 12, 1989.	See CD #2, Doc. No. 00017949
9- 56	DPRA Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 11.	See CD #1, Doc. No. 00009059
9- 57	DPRA Document No. 00009081. Lease Data – Industrial Unit, Crab Orchard Refuge, dated August 31, 1949, Page 2.	See CD #1, Doc. No. 00009081
9- 58	DPRA Document No. 00009081. Lease Data – Industrial Unit, Crab Orchard Refuge, dated August 31, 1949, Page 2.	See CD #1, Doc. No. 00009081
9- 59	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease data, Industrial Unit, June 1, 1951, Page 13.	See CD #1, Doc. No. 00009039
9- 60	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
9- 61	ACO 000037. United States Department of Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September through December, 1955, Table VIII.	See CD #1, Doc. No. 00009395
9- 62	DPRA Document No. 00009378. U. S. Department of Interior, Bureau of Sport Fisheries and Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, September thru December, 1955, Page 33.	See CD #1, Doc. No. 00009378
9- 63	DPRA Document No. 000093747. U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Narrative Report, January thru April, 1960, Page 25.	See CD #1, Doc. No. 00009347
9- 64	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 3 – dated May 1, 1960.	See CD #3, Doc. ENTECH04

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9- 65	ACO 002327. U. S. Department of Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
9- 66	DPRA Document No. 00009343. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1961, Page 25.	See CD #1, Doc. No. 00009343
9- 67	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (plan no. 6544-101.06).	See CD #1, Doc. No. 00009321
9- 68	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 22.	See CD #1, Doc. No. 00009321
9- 69	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 22.	See CD #1, Doc. No. 00009321
9- 70	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 3 – dated May 1, 1960 and Figure 4 – dated October 16, 1965.	See CD #3, Doc. ENTECH04
9- 71	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (plan no. 6544-101.06).	See CD #1, Doc. No. 00009321
9- 72	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 1 – dated February 7, 1943.	See CD #3, Doc. ENTECH04
9- 73	ACL 000692. Lease for B. E. Brennan and Company dated September 18, 1946, Page 1.	See CD #2, Doc. No. 00022835
9- 74	CRO 001839. Special Use Permit No. C.O. Ind.-4, dated April 1, 1950.	See CD #2, Doc. No. 00025742
9- 75	DPRA Document No. 00022939. East Side Lumberyard Supply Co., Letter to CONWR regarding cancellation of Special Use Permit No. 21641 for Building S-2-4, dated October 29, 1954.	See CD #2, Doc. No. 00022939
9- 76	DPRA Document No. 00022947. Special Use Permit No. 25785, dated June 27, 1956.	See CD #2, Doc. No. 00022947
9- 77	FWM 000930. Lease Contract No. 14-1-6-0003-13037 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and East Side Lumberyard Supply Company, Page 1, dated June 9, 1969. New lease for East Side did not renew lease for Building S-2-4.	See CD #2, Doc. No. 00024952
9- 78	DPRA Document No. 00022883. CONWR, Letter to East Side Lumberyard Supply Co. regarding Special Use Permit No. C.O. Ind.-4, dated March 28, 1950.	See CD #2, Doc. No. 00022883
9- 79	DPRA Document No. 00022860. East Side Lumberyard Supply Co., Letter to CONWR regarding 150 gallons of stolen gasoline from East Side's gas storage tank, dated April 30, 1961.	See CD #2, Doc. No. 00022860
9- 80	CRO 000381. East Side Lumberyard Supply Co. Inc., Questionnaire for Federal Facilities or Environmental Compliance Profile, submitted as part of their CERCLA Section 104(e) response.	See CD #2, Doc. No. 00025126
9- 81	ACC 000054. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394

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9- 82	CRO 000064 and CRO 000067. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Narrative Report, September thru December, 1963, Page 33 and Table No. 3.	See CD #2, Doc. No. 00025413
9- 83	Deposition of Frank Wilkie, October 14, 1999, Page 36.	See CD #1, Doc. No. 384098
9- 84	Deposition of Frank Wilkie, October 14, 1999, Pages 38-39.	See CD #1, Doc. No. 384098
9- 85	ACC 000056. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
9- 86	DPRA Document No. 00012663. Amendment No. 2 to Building Lease Contract No. 14-16-0003-81-521, Supreme Plating Company, dated February 1, 1984.	See CD #1, Doc. No. 00012663
9- 87	Deposition of Frank Wilkie, October 14, 1999, Pages 47, 53, 58, 108, and 118.	See CD #1, Doc. No. 384098
9- 88	Frank Wilkie, Personal Interview, July 28, 1999.	See CD #3, Doc. WILKIE,F
9- 89	Deposition of Frank Wilkie, October 14, 1999, Pages 95-96.	See CD #1, Doc. No. 384098
9- 90	Deposition of Robert A. Wilkie, October 15, 1999, Page 80.	See CD #1, Doc. No. 384093
9- 91	Deposition of Frank Wilkie, October 14, 1999, Pages 96-97.	See CD #1, Doc. No. 384098
9- 92	Deposition of Frank Wilkie, October 14, 1999, Page 47.	See CD #1, Doc. No. 384098
9- 93	Frank Wilkie, Personal Interview, July 28, 1999.	See CD #3, Doc. WILKIE,F
9- 94	Frank Wilkie, Personal Interview, July 28, 1999.	See CD #3, Doc. WILKIE,F
9- 95	Deposition of Frank Wilkie, October 14, 1999, Pages 84-104.	See CD #1, Doc. No. 384098
9- 96	Deposition of Robert Andrew Wilkie, October 15, 1999, Pages 51-52 and page 79.	See CD #1, Doc. No. 384093
9- 97	IEP 004038. Illinois Environmental Protection Agency, Memorandum to the file regarding Herrin/Supreme Plating (R.A. Wilkie Machine Co.), dated September 12, 1985.	See CD #2, Doc. No. 00025896
9- 98	DPRA Document No. 00006286. Illinois Environmental Protection Agency, Letter to CONWR regarding inspection of operations of Supreme Plating at the Refuge, dated March 22, 1984, Page 1.	See CD #1, Doc. No. 00006286
9- 99	DPRA Document No. 00006328. CONWR, Chronological Listing of events regarding Supreme Plating Co. and Building S-2-4, Page 1.	See CD #1, Doc. No. 00006328
9- 100	DPRA Document No. 00011094. Notification of Hazardous Waste Site (Federal Register Form) dated November 26, 1984, Page 2.	See CD #1, Doc. No. 00011094
9- 101	DPRA Document No. 00006286. Illinois Environmental Protection Agency, Letter to CONWR regarding inspection of operations of Supreme Plating at the Refuge, dated March 22, 1984, Page 1.	See CD #1, Doc. No. 00006286
9- 102	DPRA Document No. 00006328. CONWR, Chronological Listing of events regarding Supreme Plating Co. and Building S-2-4, Page 1.	See CD #1, Doc. No. 00006328

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9- 103	IEP 004032. Envirite, Envirite Analytical Report, dated December 16, 1985.	See CD #2, Doc. No. 00025886
9- 104	CRO 000610. R.A. Wilkie Machine Company, Letter to Illinois Environmental Protection Agency in response to IEPA compliance inquiry, dated October 31, 1985.	See CD #2, Doc. No. 00025352
9- 105	Deposition of Robert Andrew Wilkie, October 15, 1999, Page 65.	See CD #1, Doc. No. 384093
9- 106	Deposition of Robert Andrew Wilkie, October 15, 1999, Page 50.	See CD #1, Doc. No. 384093
9- 107	CRO 000613. USDOJ, Letter to R. A. Wilkie Machine Company regarding a meeting held with IEPA discussing soil sampling and tank removal action, dated April 7, 1986.	See CD #2, Doc. No. 00025360
9- 108	Deposition of Robert Andrew Wilkie, October 15, 1999, Page 58.	See CD #1, Doc. No. 384093
9- 109	CRO 001745	See CD #1, Doc. No. 00006303
9- 110	IEP 004034. Illinois Environmental Protection Agency, Letter to R. A. Wilkie Machine Company regarding tank closure at Herrin/Supreme Painting, dated September 30, 1988.	See CD #2, Doc. No. 00025892
9- 111	U.S. Government, 1987. U.S. Government Memorandum from USFWS Project Manager, Norrel Wallace to USFWS files, dated July 9, 1987.	See CD #1, Doc. No. 00006304
9- 112	United States Fish and Wildlife Service, 1987. Letter to Andy Wilkie, Wilkie Machine Company, dated March 11, 1987.	See CD #1, Doc. No. 00006295
9- 113	IEP 004034. Illinois Environmental Protection Agency, Letter to R. A. Wilkie Machine Company regarding tank closure at Herrin/Supreme Painting, dated September 30, 1988.	See CD #2, Doc. No. 00025892
9- 114	IEP 004034. Illinois Environmental Protection Agency, Letter to R. A. Wilkie Machine Company regarding tank closure at Herrin/Supreme Painting, dated September 30, 1988.	See CD #2, Doc. No. 00025892
9- 115	IEP 004034. Illinois Environmental Protection Agency, Letter to R. A. Wilkie Machine Company regarding tank closure at Herrin/Supreme Painting, dated September 30, 1988.	See CD #2, Doc. No. 00025892
9- 116	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (Plan No. 6544-101.06). According to an early drawing (DPRA Document No. CO01192. Illinois Ordnance Plant, Marion, Illinois, Drainage, Shop Area, Plan No. 6544-151.17) Building S-2-5 was originally designated as a dry cleaning shop. It was apparently never used for that purpose.	See CD #1, Doc. No. 00009321
9- 117	ACL 000692. Lease for B. E. Brennan and Company dated September 18, 1946, Page 1.	See CD #2, Doc. No. 00022835
9- 118	CRO 000211. CONWR, Analysis of Industrial Tenants employing labor, dated March 18, 1955, Page 1.	See CD #2, Doc. No. 00025038
9- 119	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
9- 120	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075

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9- 121	DPRA Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 6.	See CD #1, Doc. No. 00009059
9- 122	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease data, Industrial Unit, June 1, 1951, Page 8.	See CD #1, Doc. No. 00009039
9- 123	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
9- 124	Deposition of Harry Stiles, November 18, 1997, Pages 25 to 32.	See CD #1, Doc. No. 00004105
9- 125	CRO 000211. CONWR, Analysis of Industrial Tenants employing labor, dated March 18, 1955, Page 1.	See CD #2, Doc. No. 00025038
9- 126	CRO 001575A. Herrin Daily Journal, Newspaper article about factories attending a Chamber of Commerce dinner, dated March 30, 1949.	See CD #2, Doc. No. 00025464
9- 127	ACC 000056. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
9- 128	Deposition of Frank Wilkie, October 14, 1999, Pages 108-109.	See CD #1, Doc. No. 384098
9- 129	ACC 000056. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
9- 130	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
9- 131	Elaine L. Moore, USFWS, September 19, 2001.	Information obtained during telephone conversation. A hard copy is not available.
9- 132	DPRA Document No. CO01809. Illinois Ordnance Plant, Carbondale, Illinois, Carpenter Shop Building, Equipment Layout, Plan No. 6544 450391, dated May 8, 1942.	See CD #2, Doc. No. CO01809
9- 133	ACL 000713. Lease for The Furniture Company of Southern Illinois, dated September 1, 1946.	See CD #2, Doc. No. 00022838
9- 134	DPRA Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 5.	See CD #1, Doc. No. 00009059
9- 135	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
9- 136	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease data, Industrial Unit, June 1, 1951, Page 6.	See CD #1, Doc. No. 00009039
9- 137	CRO 000211. CONWR, Analysis of Industrial Tenants employing labor, dated March 18, 1955, Page 1.	See CD #2, Doc. No. 00025038
9- 138	CRO 001577. Newspaper article about factories attending a Chamber of Commerce dinner, dated March 30, 1949.	See CD #2, Doc. No. 00025457
9- 139	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394

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9- 140	ACO 002327. U. S. Department of Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
9- 141	FWM 000927. Amendment No. 1 to Lease Contract No. 14-16-0003-6260, East Side Lumberyard Supply Company, dated November 24, 1965.	See CD #2, Doc. No. 00024951
9- 142	DPRA Document No. 00006375. Building Contract No. 14-16-0003-84-546 by and between U. S. Fish and Wildlife Service and East Side Lumberyard Supply Company by and between U. S. Fish and Wildlife Service and East Side Lumberyard Supply Company, dated July 1, 1984, Pages 1-2; and, DPRA Document No. 00013091. Amendment No. 2 to Building Lease Contract No. 14-16-0003-84-546, East Side Lumberyard Supply Company.	See CD #1, Doc. Nos. 00006375 and 00013091
9- 143	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
9- 144	CRO 000381. East Side Lumberyard Supply Co. Inc., Questionnaire for Federal Facilities or Environmental Compliance Profile, submitted as part of their 1041e) response.	See CD #2, Doc. No. 00025126
9- 145	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
9- 146	DPRA Document No. 00017570. Primex Technologies, Proposed location of staging area regarding request for FWS Special Use Permit to temporarily stage empty 20-ft trailers alongside warehouse north of present location of S-4-5, dated December 1, 1997.	See CD #2, Doc. No. 00017570
9- 147	Original IOP Plan No.6544-101.07, last revision, May 11, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-07
9- 148	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
9- 149	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
9- 150	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (Plan No. 6544-101.06).	See CD #1, Doc. No. 00009321
9- 151	ACL 000713. Lease for The Furniture Company of Southern Illinois, dated September 1, 1946.	See CD #2, Doc. No. 00022838
9- 152	DPRA Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 5.	See CD #1, Doc. No. 00009059
9- 153	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
9- 154	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease data, Industrial Unit, June 1, 1951, Page 6.	See CD #1, Doc. No. 00009039
9- 155	CRO 000211. CONWR, Analysis of Industrial Tenants employing labor, dated March 18, 1955, Page 1.	See CD #2, Doc. No. 00025038

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9- 156	CRO 001577. Newspaper article about factories attending a Chamber of Commerce dinner, dated March 30, 1949.	See CD #2, Doc. No. 00025457
9- 157	ACC 000055. Listing of Area 4 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
9- 158	ACO 002327. U. S. Department of Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
9- 159	FWM 000927. Amendment No. 2 to Lease Contract No. 14-16-0003-6260, East Side Lumberyard Supply Company, dated November 24, 1965.	See CD #2, Doc. No. 00024951
9- 160	DPRA Document No. 00006375. Building Contract No. 14-16-0003-84-546 by and between U. S. Fish and Wildlife Service and East Side Lumberyard Supply Company by and between U. S. Fish and Wildlife Service and East Side Lumberyard Supply Company, dated July 1, 1984, Pages 1-2; and, DPRA Document No. 00013091. Amendment No. 2 to Building Lease Contract No. 14-16-0003-84-546, East Side Lumberyard Supply Company.	See CD #1, Doc. No. 00006375
9- 161	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
9- 162	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
9- 163	DPRA Document No. 00017570. Primex Technologies, Proposed location of staging area regarding request for FWS Special Use Permit to temporarily stage empty 20-foot trailers alongside warehouse north of present location of S-4-5, dated December 1, 1997.	See CD #2, Doc. No. 00017570
9- 164	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 2 (Plan No. 6544-101.06).	See CD #1, Doc. No. 00009321
9- 165	NAR 000498. U. S. Public Health Service, Letter to the War Department regarding an industrial hygiene medical re-survey of the IOP, dated February 15, 1944, (part of a document entitled "Illinois Ordnance Plant, Carbondale, Illinois, Historical Record," dated January 1, 1944 to April 1, 1944.	See CD #2, Doc. No. 00023046
9- 166	ACL 000699. Lease for Smoler Bros, Inc. Note that the date of this lease is illegible.	See CD #2, Doc. No. 00022836
9- 167	CRO 000212. CONWR, Analysis of Industrial Tenants employing labor, dated March 18, 1955, Page 2.	See CD #2, Doc. No. 00025038
9- 168	CRO 001575A. Herrin Daily Journal, Newspaper article about factories attending a Chamber of Commerce dinner, dated March 30, 1949.	See CD #2, Doc. No. 00025464
9- 169	CRO 001575A. Herrin Daily Journal, Newspaper article about factories attending a Chamber of Commerce dinner, dated March 30, 1949.	See CD #2, Doc. No. 00025464
9- 170	DPRA Document No. 0022977. Special Use Permit No. 20013, dated November 18, 1957.	See CD #2, Doc. No. 00022977
9- 171	DPRA Document No. 00006375. Building Contract No. 14-16-0003-84-546 by and between U. S. Fish and Wildlife Service and East Side Lumberyard Supply Company by and between U. S. Fish and Wildlife Service and East Side Lumberyard Supply Company, dated July 1, 1984, Pages 1-2; and, DPRA Document No. 00013091. Amendment No. 2 to Building Lease Contract No. 14-16-0003-84-546, East Side Lumberyard Supply Company.	See CD #1, Doc. No. 00006375

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9- 172	DPRAs Document No. 00017680. CONWR, Letter to Primex Technologies regarding the renovation of Building S-3-3, dated December 9, 1998.	See CD #2, Doc. No. 00017680
9- 173	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
9- 174	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 43.	See CD #1, Doc. No. 00009321
9- 175	DOI 000593 – DOI 000954. Amendment No. 1 to Building Lease Contract No. 14-16-0003-82-534, Diagraph Bradley Industries, Inc., dated September 1, 1983.	See CD #2, Doc. No. 00018247
9- 176	DPRAs Document No. 00007244. Diagraph Corporation, Letter to USFWS regarding cancellation of lease for Building S-3-5, dated October 24, 1990.	See CD #1, Doc. No. 00007244
9- 177	DOI 000179. Diagraph Corporation's response to request for information pursuant to Section 104 (e), dated July 19, 1989, Page 2.	See CD #2, Doc. No. 00018235
9- 178	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
9- 179	Information obtained from Elaine L. Moore, USFWS, August 10, 2001.	Information obtained during telephone conversation. A hard copy is not available.
9- 180	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 1 – dated February 7, 1943, and Figure2 – dated August 5, 1951.	See CD #3, Doc. ENTECH04
9- 181	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 1 – dated February 7, 1943, and Figure2 – dated August 5, 1951.	See CD #3, Doc. ENTECH04
9- 182	Woodward-Clyde, 1996. Report of Investigation, West Shop Area, Metals Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #2, Doc. No. 00022402
9- 183	Sample designated 13-02C? may be 13-02 or 13-02C. The distinction is not made in the survey information.	This footnote either provides additional information or further clarifies the text; no document is referenced.
9- 184	SVOCs results could not be found for 13-03C.	This footnote either provides additional information or further clarifies the text; no document is referenced.
9- 185	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
9- 186	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)

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9- 187	According to the Environmental Science & Engineering, Inc. (ESE) Uncharacterized Sites Report, in a discussion of the former Area 4 gasoline service station (AUS-011 – located in Area 4 East), "It is conjectured that a waste oil tank may have been associated with the Old Refuge Shop, but no specific evidence was located." Based on this comment by ESE, this site was added to the AUS OU and since no evidence of this tank was found, it was eliminated.	See CD #2, Doc. No. 00028166
9- 188	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
9- 189	Entech, Inc., 2000, Site Specific Report on Area 4 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH04
9- 190	Entech, Inc., 2000, Site Specific Report on Area 4 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH04
9- 191	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft.	This footnote either provides additional information or further clarifies the text; no document is referenced.
9- 192	Woodward-Clyde, 1996. Report of Investigation, West Shop Area, Metals Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #2, Doc. No. 00022402
9- 193	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
9- 194	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
9- 195	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Creteila, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
9- 196	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html

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9- 197	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
9- 198	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
9- 199	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
9- 200	Information obtained from Elaine L. Moore, USFWS, August 10, 2001.	Information obtained during telephone conversation. A hard copy is not available.

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10- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 4 (Plan no. 6544-101.10).	See CD #1, Doc. No. 00009321
10- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 4 (Plan no. 6544-101.10).	See CD #1, Doc. No. 00009321
10- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 4 (Plan no. 6544-101.10).	See CD #1, Doc. No. 00009321
10- 4	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
10- 5	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
10- 6	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
10- 7	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
10- 8	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 9	Thomas J. Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
10- 10	DOI 008114 – DOI 008115. Winn-Star, Inc., Letter answering DOI request for information at Crab Orchard Wildlife Refuge, dated July 7, 1989, Pages 1-2.	See CD #2, Doc. No. 00020463
10- 11	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1.	See CD #1, Doc. No. 00009392
10- 12	DOI 008119 – DOI 008121. Igloo Lease, Contract No. 14-16-0003-81-510, by and between U.S. Fish and Wildlife Service and Winn-Star, Inc. (Winco Company), dated October 1, 1980.	See CD #2, Doc. No. 00020471
10- 13	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 14	DPRA Document No. 00002977. United States Department of the Interior, Fish and Wildlife Service, Letter to Winco Company advising receipt of Cooperative Agreement for supplying cannon net charges, dated December 21, 1979.	See CD #1, Doc. No. 00002977
10- 15	DPRA Document No. 00003029. Cooperative Agreement No. 14-16-0009-85-975, dated October 7, 1985, Pages 1-3.	See CD #1, Doc. No. 00003029

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10- 16	DOI 008114 – DOI 008115. Winn-Star, Inc., Letter answering DOI request for information at Crab Orchard Wildlife Refuge, dated July 7, 1989, Pages 1-2.	See CD #2, Doc. No. 00020463
10- 17	DPRA Document No. 00002977. United States Department of the Interior, Fish and Wildlife Service, Letter to Winco Company advising receipt of Cooperative Agreement for supplying cannon net charges, dated December 21, 1979.	See CD #1, Doc. No. 00002977
10- 18	DPRA Document No. 00003029. Cooperative Agreement No. 14-16-0009-85-975, dated October 7, 1985, Pages 1-3.	See CD #1, Doc. No. 00003029
10- 19	DOI 008114 – DOI 008115. Winn-Star, Inc., Letter answering DOI request for information at Crab Orchard Wildlife Refuge, dated July 7, 1989, Pages 1-2.	See CD #2, Doc. No. 00020463
10- 20	DPRA Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 21	DOI 001539. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00018811
10- 22	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 23	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8, and 10.	See CD #1, Doc. No. 00007524
10- 24	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 25	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 26	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 4 (Plan no. 6544-101.10).	See CD #1, Doc. No. 00009321
10- 27	DPRA Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 28	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 29	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 30	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 31	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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10- 32	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 33	DOI 001550. Amendment No. 3 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, dated July 1, 1985.	See CD #2, Doc. No. 00018817
10- 34	DPRA Document No. 00007571. Amendment No. 9 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, dated February 1, 1995.	See CD #1, Doc. No. 00007571
10- 35	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 36	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 37	DPRA Document No. 00006574. Igloo Lease, Contract No. 14-16-0003-89-564, by and between U.S. Fish and Wildlife Service and Mr. John Kelley, dated April 1, 1989, Pages 1 and 2.	See CD #1, Doc. No. 00006574
10- 38	DPRA Document No. 00006548. U.S. Department of the Interior, Letter to John Kelley deleting Igloo HE-6-1-5 from the lease effective July 1, 1989, dated June 20, 1989.	See CD #1, Doc. No. 00006548
10- 39	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
10- 40	DPRA Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 41	DOI 001539. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00018811
10- 42	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 43	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8, and 10.	See CD #1, Doc. No. 00007524
10- 44	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 45	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 46	CRO 001632 – CRO 001638. Special Use Permit numbers SUP-4-72, SUP-03-73, SUP-03-74, SUP-03-75, SUP-02-76, SUP-92-76, and SUP-64-77.	See CD #2, Doc. Nos. 00025520, 00025521, 00025522, 00025523, 00025525, 00025526, 00025527

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10- 47	CRO 000113. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #2, Doc. No. 00025420
10- 48	DPRAs Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 49	DOI 001539. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00018811
10- 50	DPRAs Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 51	DPRAs Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8, and 10.	See CD #1, Doc. No. 00007524
10- 52	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 53	CRO 001632 – CRO 001638. Special Use Permit numbers SUP-4-72, SUP-03-73, SUP-03-74, SUP-03-75, SUP-02-76, SUP-92-76, and SUP-64-77.	See CD #2, Doc. Nos. 00025520, 00025521, 00025522, 00025523, 00025525, 00025526, 00025527
10- 54	CRO 000113. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #2, Doc. No. 00025420
10- 55	DPRAs Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 56	DOI 001539. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00018811
10- 57	DPRAs Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 58	DPRAs Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8, and 10.	See CD #1, Doc. No. 00007524
10- 59	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 60	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 61	DPRAs Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432

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10- 62	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 63	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 64	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 65	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 66	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 67	DOI 007564. Responses and Objections of S & W Ammunition Company to 104(e) Request, Page 5.	See CD #2, Doc. No. 00020106
10- 68	CRO 001565 – CRO 001568. Special Use Permit numbers SUP-34-72, SUP-39-73, SUP-41-74, and SUP-40-75.	See CD #2, Doc. Nos. 00025442, 00025445, 00025448, 00025450
10- 69	DOI 007561 – DOI 007562. Responses and Objections of S & W Ammunition Company to 104(e) Request, Pages 2-3.	See CD #2, Doc. No. 00020106
10- 70	CRO 001596 – CRO 001598. Special Use Permit numbers SUP-76-76, SUP-40-77, SUP-34-78.	See CD #2, Doc. Nos. 00025489, 00025490, 00025491
10- 71	CRO 001596 – CRO 001598. Special Use Permit numbers SUP-76-76, SUP-40-77, SUP-34-78.	See CD #2, Doc. Nos. 00025489, 00025490, 00025491
10- 72	DOI 008067. Wildlife Materials, Inc.'s response to Section 104(e) request, Page 1.	See CD #2, Doc. No. 00020423
10- 73	DPRA Document No. 00003204. Amendment No. 1 to Igloo Lease Contract No. 14-16-0003-81-509, Wildlife Material, Inc., dated March 1, 1985.	See CD #1, Doc. No. 00003204
10- 74	CRO 000629. Amendment No. 2 to Igloo Lease Contract No. 14-16-0003-81-509, Wildlife Materials, Inc., dated December 1, 1987.	See CD #2, Doc. No. 00025387
10- 75	DOI 008068 - DOI 008069. Wildlife Materials, Inc.'s response to Section 104(e) request, Pages 2-3.	See CD #2, Doc. No. 00020423
10- 76	FWM 000942. Amendment No. 3 to Igloo Lease Contract No. 14-16-0003-83-541, El Dorado Chemical Company, dated December 1, 1983.	See CD #1, Doc. No. 00006656
10- 77	DPRA Document No. 00006658. Amendment No. 4 to Igloo Lease Contract No. 14-16-0003-83-541.	See CD #1, Doc. No. 00006658
10- 78	DPRA Document No. 00007566. Amendment No. 7 to Igloo Lease Contract No. 14-16-0003-81-506, dated December 1, 1991.	See CD #1, Doc. No. 00007566

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10- 79	DPR Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 80	DPR Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 81	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 82	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 83	DOI 007562. Responses and Objections of S & W Ammunition Company to 104(e) Request, Page 3.	See CD #2, Doc. No. 00020106
10- 84	DOI 007563. Responses and Objections of S & W Ammunition Company to 104(e) Request, Page 4.	See CD #2, Doc. No. 00020106
10- 85	DPR Document No. 00006649. Igloo Lease, Contract No. 14-16-0003-83-541, by and between U.S. Fish and Wildlife Service and E.D.C., Incorporated.	See CD #1, Doc. No. 00006649
10- 86	DOI 007368. Monsanto's response to Section 104(e) request, Page 2.	See CD #2, Doc. No. 00019979
10- 87	DOI 007368. Monsanto's response to Section 104(e) request, Page 2.	See CD #2, Doc. No. 00019979
10- 88	DPR Document No. 00009369. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1959, Page 24 and Table No. VIII – Industrial Leasing, Revenue, & Employees.	See CD #1, Doc. No. 00009369
10- 89	Refuge Narrative Reports from May 1959 through April 1963.	See CD #1, Doc. Nos. 00009404, 00009375, 00009342, 00009329, 00009337, 00009338
10- 90	DPR Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 91	DPR Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 92	DPR Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 93	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #2, Doc. Nos. 00013839, 00013840
10- 94	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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10- 95	DPRA Document No. 00009369. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1959, Page 24 and Table No. VIII – Industrial Leasing, Revenue, & Employees.	See CD #1, Doc. No. 00009369
10- 96	Refuge Narrative Reports from May 1959 through April 1963.	See CD #1, Doc. Nos. 00009404, 00009375, 00009342, 00009329, 00009337, 00009338
10- 97	CRO 001639 – CRO 001644. Special Use Permit numbers SUP-104-70, SUP-17-72, SUP-19-73, SUP-19-74, SUP-23-75, and SUP-22-76.	See CD #2, Doc. Nos. 00025528, 00025531, 00025533, 00025534, 00025536, 00025539
10- 98	CRO 001000 and CRO 001002. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, September 1 thru December 31, 1962, Page 32 and Table No. 3 – Industrial Leasing, Revenue, & Employment.	See CD #2, Doc. No. 00024805
10- 99	DPRA Document No. 00003635. United States Department of the Interior, Letter to Austin Powder Company regarding drive-through inspection of Area 6 with a list of maintenance items for various igloos leased by Austin Powder, dated May 2, 1985.	See CD #1, Doc. No. 00003635
10- 100	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 101	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 102	DPRA Document Nos. 00005537, 00005574, 00005572, 00005571, and 00005568. Special Use Permit numbers 39545, SUP-2-64, SUP-2-65, SUP-1-66, and SUP-3-67.	See CD #1, Doc. Nos. 00005537, 00005574, 00005572, 00005571, 00005568
10- 103	DPRA Document No. 00017686. Hard copy of e-mail from Doyle Case to Daniel Doshier regarding Explosion at Crab Orchard Igloo, dated December 17, 1989.	See CD #2, Doc. No. 00017686
10- 104	DPRA Document Nos. 00005537, 00005574, 00005572, 00005571, and 00005568. Special Use Permit numbers 39545, SUP-2-64, SUP-2-65, SUP-1-66, and SUP-3-67.	See CD #1, Doc. Nos. 00005537, 00005574, 00005572, 00005571, 00005568
10- 105	DPRA Document No. 00017723. Amendment No. 6 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., dated September 1, 1999.	See CD #2, Doc. No. 00017723
10- 106	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 107	DPRA Document Nos. 00005537, 00005574, 00005572, 00005571, and 00005568. Special Use Permit numbers 39545, SUP-2-64, SUP-2-65, SUP-1-66, and SUP-3-67.	See CD #1, Doc. Nos. 00005537, 00005574, 00005572, 00005571, 00005568
10- 108	DPRA Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 109	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
10- 110	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 111	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 112	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 113	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 114	DPRA Document Nos. 00005537, 00005574, 00005572, 00005571, and 00005568. Special Use Permit numbers 39545, SUP-2-64, SUP-2-65, SUP-1-66, and SUP-3-67.	See CD #1, Doc. Nos. 00005537, 00005574, 00005572, 00005571, 00005568
10- 115	DPRA Document No. 00025432. Special Use Permit, Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 116	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 117	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 118	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 119	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 120	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 121	DPRA Document Nos. 00005537, 00005574, 00005572, 00005571, 00005568, 00005566, 00005562, 00005565, 00006271, and 00005589. Special Use Permit numbers 39545, SUP-2-64, SUP-2-65, SUP-1-66, SUP-3-67, SUP-1-68, SUP 3-69, SUP-5-70, SUP-83-70, and a letter from Trojan-U.S. Powder to Fish & Wildlife Service canceling their lease in this building, dated October 1, 1970.	See CD #1, Doc. Nos. 00005537, 00005574, 00005572, 00005571, 00005568, 00005566, 00005562, 00005565, 00006271, 00005589
10- 122	CRO 001650 – CRO 001652. Special Use Permit numbers SUP-107-70, SUP-33-71, and SUP-16-72.	See CD #2, Doc. Nos. 00025552, 00025554, 00025556
10- 123	DPRA Document No. 00004053. Articles of Incorporation, Form B, Article Four.	See CD #1, Doc. No. 00004053

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10- 124	DPRA Document Nos. 00018012, 00018018, 00018027, 00018032, 00018034, and 00018036. Special Use Permit numbers SUP-08-73, SUP-07-75, SUP-06-76, SUP-96-76, SUP-68-77, and SUP-75-78.	See CD #2, Doc. Nos. 00018012, 00018018, 00018027, 00018032, 00018034, 00018036
10- 125	CRO 000631 – CRO 000632. Igloo Lease, Contract No. 14-16-0003-81-508, by and between U.S. Fish and Wildlife Service and World Fireworks Display Company, Inc., dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00025388
10- 126	CRO 000642. Amendment No. 4 to Igloo Lease No. 14-16-0003-81-508, World Fireworks Display, Co., Inc., dated October 1, 1987.	See CD #2, Doc. No. 00025396
10- 127	DOI 008132 – DOI 008133. World Fireworks Display Co., Inc.'s response to Section 104(e) request.	See CD #2, Doc. No. 00020481
10- 128	DPRA Document No. 00006574. Igloo Lease, Contract No. 14-16-0003-89-564, by and between U.S. Fish and Wildlife Service and Mr. John Kelley, dated April 1, 1989, Pages 1 and 2.	See CD #1, Doc. No. 00006574
10- 129	DPRA Document No. 00006580. Amendment No. 3 to Igloo Lease Contract No. 14-16-0003-89-564, effective March 1, 1991.	See CD #1, Doc. No. 00006580
10- 130	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
10- 131	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 132	DPRA Document Nos. 00005540, 00005574, 00005572, 00005571, 00005568, and 00005566. Special Use Permit numbers 35199, SUP-2-64, SUP-2-65, SUP-1-66, SUP-3-67, and SUP-1-68.	See CD #1, Doc. Nos. 00005540, 00005574, 00005572, 00005571, 00005568, 00005566
10- 133	DPRA Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 134	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 135	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 136	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 137	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 138	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
10- 139	DPRA Document Nos. 00005540, 00005574, 00005572, 00005571, 00005568, and 00005566. Special Use Permit numbers 35199, SUP-2-64, SUP-2-65, SUP-1-66, SUP-3-67, and SUP-1-68.	See CD #1, Doc. Nos. 00005540, 00005574, 00005572, 00005571, 00005568, 00005566
10- 140	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 141	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 142	DPRA Document Nos. 00005540, 00005574, 00005572, 00005571, 00005568, 00005566, 00005562, 00005565, 00006271, and 00005589. Special Use Permit numbers 35199, SUP-2-64, SUP-2-65, SUP-1-66, SUP-3-67, SUP-1-68, SUP 3-69, SUP-5-70, SUP-83-70, and a letter from Trojan-U.S. Powder to Fish & Wildlife Service canceling their lease in this building, dated October 1, 1970.	See CD #1, Doc. Nos. 00005540, 00005574, 00005572, 00005571, 00005568, 00005566, 00005562, 00005565, 00006271, 00005589
10- 143	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 144	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 145	DPRA Document Nos. 00005540, 00005574, 00005572, 00005571, 00005568, 00005566, 00005562, 005565, 00006271, and 00005589. Special Use Permit numbers 35199, SUP-2-64, SUP-2-65, SUP-1-66, SUP-3-67, SUP-1-68, SUP 3-69, SUP-5-70, SUP-83-70, and a letter from Trojan-U.S. Powder to Fish & Wildlife Service canceling their lease in this building, dated October 1, 1970.	See CD #1, Doc. Nos. 00005540, 00005574, 00005572, 00005571, 00005568, 00005566, 00005562, 00005565, 00006271, 00005589
10- 146	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 147	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 148	DPRA Document Nos. 00005540, 00005574, 00005572, 00005571, 00005568, 00005566, 00005562, 005565, 00006271, and 00005589. Special Use Permit numbers 35199, SUP-2-64, SUP-2-65, SUP-1-66, SUP-3-67, SUP-1-68, SUP 3-69, SUP-5-70, SUP-83-70, and a letter from Trojan-U.S. Powder to Fish & Wildlife Service canceling their lease in this building, dated October 1, 1970.	See CD #1, Doc. Nos. 00005540, 00005574, 00005572, 00005571, 00005568, 00005566, 00005562, 00005565, 00006271, 00005589
10- 149	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 150	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 151	DPRA Document Nos. 00005540, 00005574, 00005572, 00005571, and 00005568. Special Use Permit numbers 35199, SUP-2-64, SUP-2-65, SUP-1-66, and SUP-3-67.	See CD #1, Doc. Nos. 00005540, 00005574, 00005572, 00005571, 00005568
10- 152	DPRA Document No. 00025432. Special Use Permit, Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 153	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
10- 154	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 155	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 156	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 157	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 158	CRO 000824. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1959, Page 24.	See CD #2, Doc. No. 00024784
10- 159	Interview with Hanley Industries, as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page 53 .	See CD #3, Doc. 1992TECHLAWPG53
10- 160	DPRA Document No. 00025432. Special Use Permit , Permit Number SUP-26-78, dated February 16, 1978.	See CD #2, Doc. No. 00025432
10- 161	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 162	DOI 001551. Amendment No. 4 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00018819
10- 163	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 164	FWM 000942. Amendment No. 3 to Igloo Lease Contract No. 14-16-0003-83-541, El Dorado Chemical Company, dated December 1, 1983.	See CD #1, Doc. No. 00006656
10- 165	DPRA Document No. 00006658. Amendment No. 4 to Igloo Lease Contract No. 14-16-0003-83-541.	See CD #1, Doc. No. 00006658
10- 166	DPRA Document No. 00006649. Igloo Lease, Contract No. 14-16-0003-83-541, by and between U.S. Fish and Wildlife Service and E.D.C., Incorporated.	See CD #1, Doc. No. 00006649
10- 167	DPRA Document No. 00007525. CONWR, Letter to Olin Corporation regarding deleting igloo HE-2-12 and adding a different igloo due to the flooding of HE-2-12 during heavy rains, dated November 28, 1986.	See CD #1, Doc. No. 00007525
10- 168	DPRA Document No. 00009369. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1959, Page 24.	See CD #1, Doc. No. 00009369

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10- 169	CRO-000897. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1961, Table IV.	See CD #2, Doc. No. 00024796
10- 170	CRO-000950. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1962, Table of Industrial Tenants.	See CD #2, Doc. No. 00024804
10- 171	DOI 001069. Great Lakes Terminal & Transport, Crab Orchard National Wildlife Refuge NPL Site, First Set of Information Requests.	See CD #2, Doc. No. 00018527
10- 172	DOI 001104 – DOI 001105. Shell Chemical Company, Inventory Report as of October 22, 1968, Document included in Great Lakes' Response to 104(e) request for information.	See CD #2, Doc. No. 00018564
10- 173	DOI 001106 – DOI 001108. Empty Containers Inventory—Ordill Terminal, December 31, 1968, Document included in Great Lakes' Response to 104(e) request for information.	See CD #2, Doc. No. 00018565
10- 174	DPRA Document No. 00024805. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, September 1 thru December 31, 1962, Page 32 and Table No. 3 – Industrial Leasing, Revenue & Employment.	See CD #2, Doc. No. 00024805
10- 175	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 176	FWM 000956 – FWM 000957. Igloo Lease, Contract No. 14-16-0003-81-503 by and between U.S. Fish and Wildlife Service and Emergency Service & Disaster Agency, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00024965
10- 177	Interview with Mr. Doyle Case of CONWR, as noted in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page 51.	See CD #3, Doc. 1992TECHLAWPG51
10- 178	DPRA Document No. 00024805. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, September 1 thru December 31, 1962, Page 32 and Table No. 3 – Industrial Leasing, Revenue & Employment.	See CD #2, Doc. No. 00024805
10- 179	DPRA Document No. 0003675. Fish and Wildlife Service, Letter to Marion Civil Defense regarding maintenance items required for leased igloos in Area 6, dated March 27, 1979.	See CD #1, Doc. No. 00003675
10- 180	FWM 000956 – FWM 000957. Igloo Lease, Contract No. 14-16-0003-81-503 by and between U.S. Fish and Wildlife Service and Emergency Service & Disaster Agency, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00024965
10- 181	Interview with Mr. Doyle Case of CONWR, as noted in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page 51.	See CD #3, Doc. 1992TECHLAWPG51
10- 182	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 183	DPRA Document No. 00009369. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1959, Page 24.	See CD #1, Doc. No. 00009369

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
10- 184	CRO-000897. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1961, Table IV. Assumed that they vacated one of the two igloos	See CD #2, Doc. No. 00024796
10- 185	CRO 001622 – CRO 001631. Special Use Permit numbers SUP-32-70, SUP-111-70, SUP-29-72, SUP-34-73, SUP-34-74, SUP-28-75, SUP-31-76, SUP-10-77, and SUP-74-78.	See CD #2, Doc. Nos. 00025510, 00025511, 00025512, 00025513, 00025514, 00025515, 00025516, 00025517, 00025518, 00025519
10- 186	CRO 001036. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #2, Doc. No. 00025966
10- 187	DPRA Document Nos. 00020503. Amendment No. 1 to Igloo Lease Contract No. 14-16-0003-81-508, World Fireworks Display Company, Inc., dated March 1, 1981.	See CD #2, Doc. No. 00020503
10- 188	DPRA Document Nos. 00020498. Amendment No. 3 to Igloo Lease Contract No. 14-16-0003-81-508, World Fireworks Display Company, Inc., dated January 1, 1983.	See CD #2, Doc. No. 00020498
10- 189	DPRA Document No. 00003632. Letter from the Refuge to World Fireworks Display Company, Inc. regarding required maintenance items for igloos in Area 6, dated May 2, 1985.	See CD #1, Doc. No. 00003632
10- 190	DOI 008132 – DOI 008133. World Fireworks Display Co., Inc.'s response to Section 104(e) request.	See CD #2, Doc. No. 00020481
10- 191	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 192	CRO 001541, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-94-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025389, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422
10- 193	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 194	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 195	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #2, Doc. Nos. 00013839, 00013840
10- 196	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 197	CRO 001541, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-94-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025389, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422

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10- 198	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 199	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 200	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 201	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 202	DPRA Document Nos 00005567 and 00005566. Special Use Permit numbers SUP-24-67 and SUP-1-68.	See CD #1, Doc. Nos. 00005567, 00005566
10- 203	CRO 001540, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-81-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025386, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422
10- 204	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 205	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 206	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840
10- 207	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 208	CRO 001545, CRO 001550, CRO 001552, CRO 001554, CRO 001562, CRO 001558, CRO 001559, and CRO 001561. Special Use Permit numbers SUP-12-73, SUP-12-74, SUP-12-75, SUP-14-76, SUP-102-76, SUP-10-78, SUP-04-79, and SUP-03-80.	See CD #2, Doc. Nos. 00025399, 00025401, 00025406, 00025412, 00025436, 00025425, 00025429, 00025434, 00025438
10- 209	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 210	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 211	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839, 00013840

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
10- 212	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 213	DPRA Document Nos 00005567, 00005566, 00005562, 00005565, 00006271, and 00005589. Special Use Permit numbers SUP-24-67, SUP-1-68, SUP-3-69, SUP-5-70, SUP-83-70, and a letter from Trojan-U.S. Powder to Fish & Wildlife Service canceling their lease in this building, dated October 1, 1970.	See CD #1, Doc. Nos. 00005567, 00005566, 00005562, 00005565, 00006271, 00005589
10- 214	DPRA Document No. 00003704. Fish and Wildlife Service, Letter to Austin Powder Company regarding maintenance items required for leased igloos in Area 6, dated March 28, 1979.	See CD #1, Doc. No. 00003704
10- 215	DOI 000164 – DOI 000165. Igloo Lease Contract No. 14-16-0003-81-500 by and between U.S. Fish and Wildlife Service and Austin Powder Company, dated October 1, 1980, Page 1 and Page 1 of Page 1A.	See CD #2, Doc. No. 00017990
10- 216	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
10- 217	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 218	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 219	CRO 001540, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-81-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025386, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422
10- 220	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 221	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 222	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 223	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 224	DPRA Document Nos 00005570, 00005568, and 00005566. Special Use Permit numbers SUP-34-66, SUP-3-67, and SUP-1-68.	See CD #1, Doc. Nos. 00005570, 00005568, 00005566
10- 225	CRO 001540, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-81-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025386, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422

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10- 226	DPR Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 227	DPR Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 228	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 229	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 230	DPR Document Nos. 00005570, 00005568, 00005566, 00005562, 00005565, 00006271, 00005560, and 00005547. Special Use Permit numbers SUP-34-66, SUP-3-67, SUP-1-68, SUP-3-69, SUP-5-70, SUP-83-70, SUP-1-72, and SUP-02-73.	See CD #1, Doc. Nos. 00005570, 00005568, 00005566, 00005562, 00005565, 00006271, 00005560, 00005547
10- 231	FWM 000975 – FWM 000976. Igloo Lease, Contract No. 14-16-0003-81-513 by and between U.S. Fish and Wildlife Service and Hanley Industries, Inc., dated May 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00024972
10- 232	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 233	Interview with Hanley Industries as noted in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page 53.	See CD #3, Doc. 1992TECHLAWPG53
10- 234	DPR Document Nos. 00005570, 00005568, 00005566, 00005562, 00005565, 00006271, and 00005589. Special Use Permit numbers SUP-34-66, SUP-3-67, SUP-1-68, SUP-3-69, SUP-5-70, SUP-83-70, and a letter from Trojan-U.S. Powder to Fish & Wildlife Service canceling their lease in this building, dated October 1, 1970.	See CD #1, Doc. Nos. 00005570, 00005568, 00005566, 00005562, 00005565, 00006271, 00005589
10- 235	DPR Document No. 00003704. Fish and Wildlife Service, Letter to Austin Powder Company regarding maintenance items required for leased igloos in Area 6, dated March 28, 1979.	See CD #1, Doc. No. 00003704
10- 236	DOI 000164 – DOI 000165. Igloo Lease Contract No. 14-16-0003-81-500 by and between U.S. Fish and Wildlife Service and Austin Powder Company, dated October 1, 1980, Page 1 and Page 1 of Page 1A.	See CD #2, Doc. No. 00017990
10- 237	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
10- 238	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 239	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
10- 240	DPRA Document Nos. 00005570, 00005568, 00005566, 00005562, 00005565, 00006271, and 00005589. Special Use Permit numbers SUP-34-66, SUP-3-67, SUP-1-68, SUP-3-69, SUP-5-70, SUP-83-70, and a letter from Trojan-U.S. Powder to Fish & Wildlife Service canceling their lease in this building, dated October 1, 1970.	See CD #1, Doc. Nos. 00005570, 00005568, 00005566, 00005562, 00005565, 00006271, 00005589
10- 241	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 242	DOI 007408. Propellex's response to Section 104(e) request for information, Page 1.	See CD #2, Doc. No. 00020007
10- 243	DOI 007449. Department of the Secretary of State, Patent and Copyright Office, Canada, Patent Number 692921, dated August 18, 1964.	See CD #2, Doc. No. 00020025
10- 244	DOI 007409. Propellex's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00020007
10- 245	DOI 007408. Propellex's response to Section 104(e) request for information, Page 1.	See CD #2, Doc. No. 00020007
10- 246	DOI 007408. Propellex's response to Section 104(e) request for information, Page 1.	See CD #2, Doc. No. 00020007
10- 247	DOI 007449. Department of the Secretary of State, Patent and Copyright Office, Canada, Patent Number 692921, dated August 18, 1964.	See CD #2, Doc. No. 00020025
10- 248	DOI 007409. Propellex's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00020007
10- 249	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part II, Section 4, Sheet 17.	See CD #1, Doc. No. 00009321
10- 250	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 251	DOI 007300. Mine Service Co., Inc. response to Section 104(e) request for information, dated June 28, 1989, Page 2.	See CD #2, Doc. No. 00019920
10- 252	DPRA Document Nos. 00018040, 00018042, 00018045, and 00019928. Special Use Permit numbers SUP-54-77, SUP-66-77, SUP-71-78, and SUP-63-79.	See CD #2, Doc. Nos. 00018040, 00018042, 00018045, 00019928
10- 253	DPRA Document No. 00006752. Igloo Lease Contract No. 14-16-0003-81-504 by and between U.S. Fish and Wildlife Service and Mine Service Company, Inc., dated October 1, 1980.	See CD #1, Doc. No. 00006752
10- 254	DPRA Document No. 00006742. Igloo Lease Contract No. 14-16-0003-91-569 by and between U.S. Fish and Wildlife Service and Dyna-Blast, Inc. d/b/a Mine Service Company, Inc., dated October 1, 1991.	See CD #1, Doc. No. 00006742
10- 255	DOI 007306. Mine Service Co., Inc., Letter to CONWR informing Refuge that monthly inspections are not necessary in Mine Service's igloos, dated September 14, 1979.	See CD #2, Doc. No. 00019929
10- 256	Interview with Mine Service Company representative as noted in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page 53.	See CD #3, Doc. 1992TECHLAWPG53
10- 257	DOI 007300. Mine Service Co., Inc. response to Section 104(e) request for information, dated June 28, 1989, Page 2.	See CD #2, Doc. No. 00019920

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
10- 258	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 259	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 260	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 261	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 262	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 263	CRO 001542, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-88-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025390, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422
10- 264	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 265	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 266	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 267	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 268	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 269	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 270	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 271	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 272	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026

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10- 273	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 274	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 275	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 276	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 277	CRO 001542, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-88-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979, but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025390, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422
10- 278	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 279	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 280	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 281	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 282	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 283	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 284	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 285	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 286	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 287	CRO 001548, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Amendment No. 1, Special Use Permit NO. SUP-81-73, and Special Use Permit numbers SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025509, 00025403, 00025408, 00025415, 00025422

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10- 288	DPR A Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 289	DPR A Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 290	DPR A Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 291	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 292	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 293	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 294	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 295	FWM 001325 -- FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 296	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 297	CRO 001542, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-88-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025390, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422
10- 298	DPR A Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 299	DPR A Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 300	DPR A Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 301	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
10- 302	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 303	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 304	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 305	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 306	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 307	DPRA Document Nos. 00005573, 00005571, 00005568, 00005566, 00005565, and 00005589. Special Use Permit numbers SUP-88-64, SUP-1-66, SUP-3-67, SUP-1-68, SUP-5-70 and a letter from Trojan-U.S. Powder to Fish & Wildlife Service canceling their lease in this building, dated October 1, 1970.	See CD #1, Doc. Nos. 00005573, 00005571, 00005568, 00005566, 00005565, 00005589
10- 308	DOI 008088. Amendment No. 1 to Special Use Permit SUP-88-76, effective January 1, 1977.	See CD #2, Doc. No. 00020443
10- 309	DOI 008090. Special Use Permit, Permit number SUP-60-77, dated June 10, 1997.	See CD #2, Doc. No. 00020447
10- 310	DOI 008068 - DOI 008069. Wildlife Materials, Inc.'s response to Section 104(e) request, Pages 2-3.	See CD #2, Doc. No. 00020423
10- 311	DPRA Document No. 00006653. Amendment No. 2 to Igloo Lease Contract No. 14-16-0003-83-541, El Dorado Chemical Company, effective August 1, 1984.	See CD #1, Doc. No. 00006653
10- 312	FWM 000942. Amendment No. 3 to Igloo Lease Contract No. 14-16-0003-83-541, El Dorado Chemical Company, effective December 1, 1988.	See CD #1, Doc. No. 00006656
10- 313	DOI 007368. Monsanto's response to Section 104(e) request, Page 2.	See CD #2, Doc. No. 00019979
10- 314	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 315	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 316	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 317	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 318	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026

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10- 319	DPRA Document No. 00003672. CONWR, Letter to Monsanto Company regarding maintenance items for Monsanto's igloo in Area 6, dated March 28, 1979.	See CD #1, Doc. No. 00003672
10- 320	FWM 001034 – FWM 001035. Igloo Lease Contract No. 14-16-0003-81-505 by and between U.S. Fish and Wildlife Service and Monsanto Company, dated October 1, 1980, Page 1 and 1 of 1A.	See CD #2, Doc. No. 00024990
10- 321	FWM 001037. Amendment No. 1 to Igloo Lease Contract 14-16-0003-81-505, Monsanto Company, effective September 1, 1983.	See CD #2, Doc. No. 00024991
10- 322	DPRA Document No. 00009342. U.S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Narrative Report, May 1 thru August 31, 1960, Page 25.	See CD #1, Doc. No. 00009342
10- 323	DOI 007368. Monsanto's response to Section 104(e) request, Page 2.	See CD #2, Doc. No. 00019979
10- 324	FWM 001040. United States Government Memorandum, CONWR, Consent to Assignment – Monsanto & E.D.C., Inc. – Monsanto – Lease Contract 14-16-0003-81-505, dated August 16, 1983.	See CD #2, Doc. No. 00026035
10- 325	DPRA Document No. 00006649. Igloo Lease Contract No. 14-16-0003-83-541 by and between U. S. Fish & Wildlife Service and E.D.C., Incorporated, dated September 1, 1983.	See CD #1, Doc. No. 00006649
10- 326	FWM 000942. Amendment No. 3 to Igloo Lease Contract No. 14-16-0003-83-541, El Dorado Chemical Company, effective December 1, 1988.	See CD #1, Doc. No. 00006656
10- 327	DOI 007368. Monsanto's response to Section 104(e) request, Page 2.	See CD #2, Doc. No. 00019979
10- 328	DPRA Document No. 00007568. Amendment No. 8 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective June 1, 1994.	See CD #1, Doc. No. 00007568
10- 329	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 330	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 331	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 332	FWM 001040. United States Government Memorandum, CONWR, Consent to Assignment – Monsanto & E.D.C., Inc. – Monsanto – Lease Contract 14-16-0003-81-505, dated August 16, 1983.	See CD #2, Doc. No. 00026035
10- 333	DPRA Document No. 00006649. Igloo Lease Contract No. 14-16-0003-83-541 by and between U. S. Fish & Wildlife Service and E.D.C., Incorporated, dated September 1, 1983.	See CD #1, Doc. No. 00006649
10- 334	FWM 000942. Amendment No. 3 to Igloo Lease Contract No. 14-16-0003-83-541, El Dorado Chemical Company, effective December 1, 1988.	See CD #1, Doc. No. 00006656
10- 335	DOI 007368. Monsanto's response to Section 104(e) request, Page 2.	See CD #2, Doc. No. 00019979

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10- 336	DOI 007368. Monsanto's response to Section 104(e) request, Page 2.	See CD #2, Doc. No. 00019979
10- 337	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 338	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 339	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 340	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keeping others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 341	DPRA Document Nos. 00005573, 00005571, and 00005568. Special Use Permit numbers SUP-88-64, SUP-1-66, and SUP-3-67.	See CD #1, Doc. Nos. 00005573, 00005571, 00005568
10- 342	DOI 000898 – DOI 000900. Dooley Brothers, Inc., Response to Section 104(e) information request, Pages 1 to 3.	See CD #2, Doc. No. 00018402
10- 343	FWM 000914 – FWM 000915. Igloo Lease Contract No. 14-16-0003-81-501 by and between U.S. Fish and Wildlife Service and Dooley Brothers, Inc., dated October 1, 1980.	See CD #2, Doc. No. 00022334
10- 344	FWM 000917. Amendment No. 1 to Igloo Lease Contract No. 14-16-0003-81-501, effective January 1, 1982.	See CD #2, Doc. No. 00022336
10- 345	FWM 000980. Amendment No. 2 to Igloo Lease Contract No. 14-16-0003-81-513, Hanley Industries, Inc., effective June 1, 1982.	See CD #2, Doc. No. 00024974
10- 346	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 347	Interview with Hanley Industries as noted in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page 53.	See CD #3, Doc. 1992TECHLAWPG53
10- 348	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 349	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 350	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 351	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 352	DPRA Document Nos. 00005573, 00005571, and 00005568. Special Use Permit numbers SUP-88-64, SUP-1-66, and SUP-3-67.	See CD #1, Doc. Nos. 00005573, 00005571, 00005568

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10- 353	CRO 001542, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-88-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025390, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422
10- 354	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 355	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 356	Industrial Tenant Roster -- March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 357	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 358	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 359	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 360	FWM 001325 -- FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 361	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 362	DPRA Document Nos. 00005576, 00005572, 00005571, and 00005568. Special Use Permit numbers SUP-66-64, SUP-2-65, SUP-1-66, and SUP-3-67.	See CD #1, Doc. Nos. 00005576, 00005572, 00005571, 00005568
10- 363	CRO 001542, CRO 001543, CRO 001544, CRO 001549, CRO 001551, CRO 001553, CRO 001555, CRO 001557. Special Use Permit numbers SUP-88-70, SUP-35-71, SUP-78-72, SUP-81-73, SUP-85-74, SUP-72-75, SUP-74-76, and SUP-52-77. A Special Use Permit was not found for the year 1979 but it is likely that Olin did occupy this igloo at that time.	See CD #2, Doc. Nos. 00025390, 00025392, 00025393, 00025508, 00025403, 00025408, 00025415, 00025422
10- 364	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 365	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 366	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 367	Industrial Tenant Roster -- March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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10- 368	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 369	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 370	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 371	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 372	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 373	DPRA Document Nos. 00005576, 00005572, 00005571, and 00005568. Special Use Permit numbers SUP-66-64, SUP-2-65, SUP-1-66, and SUP-3-67.	See CD #1, Doc. Nos. 00005576, 00005572, 00005571, 00005568
10- 374	DPRA Document No. 00011813, 00011794, and 00011801. Special Use Permit SUP-18-74, Special Use Permit SUP-70-76, and a letter from CONWR to U.S. Treasury Department, Bureau of Alcohol, Tobacco, & Firearms regarding Special Use Permit SUP-09-75 for igloo HE-4-12, dated September 23, 1974. Note, while lease documents were not found for the year 1975, it is likely the Bureau of Alcohol, Tobacco, & Firearms continued to lease this igloo during that time.	See CD #1, Doc. Nos. 00011813, 00011794, 00011801
10- 375	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 376	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 377	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 378	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 379	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 380	DPRA Document No. 00024805. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, September 1 thru December 31, 1962, Page 32 and Table No. 3 – Industrial Leasing, Revenue & Employment.	See CD #2, Doc. No. 00024805
10- 381	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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10- 382	FWM 000956 – FWM 000957. Igloo Lease, Contract No. 14-16-0003-81-503 by and between U.S. Fish and Wildlife Service and Emergency Service & Disaster Agency, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00024965
10- 383	Interview with Mr. Doyle Case of CONWR, as noted in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page 51.	See CD #3, Doc. 1992TECHLAWPG51
10- 384	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 385	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 386	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 387	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 388	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 389	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 390	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 391	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 392	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 393	FWM 000917 – FWM 000918. Amendment No. 1 to Igloo Lease Contract No. 14-16-0003-81-501 Dooley Brothers, Inc., effective January 1, 1982.	See CD #2, Doc. No. 00022336
10- 394	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 395	DOI 000899. Dooley Brothers, Inc., Response to Section 104(e) information request, Page 2.	See CD #2, Doc. No. 00018402
10- 396	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 397	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019

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10- 398	DPRA Document No. 00024805. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, September 1 thru December 31, 1962, Page 32 and Table No. 3 – Industrial Leasing, Revenue & Employment.	See CD #2, Doc. No. 00024805
10- 399	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 400	FWM 000956 – FWM 000957. Igloo Lease, Contract No. 14-16-0003-81-503 by and between U.S. Fish and Wildlife Service and Emergency Service & Disaster Agency, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00024965
10- 401	Interview with Mr. Doyle Case of CONWR, as noted in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page 51.	See CD #3, Doc. 1992TECHLAWPG51
10- 402	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
10- 403	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 404	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 405	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 406	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 407	DOI 001551. Amendment No. 4 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective date December 1, 1986.	See CD #2, Doc. No. 00018819
10- 408	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 409	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 410	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 411	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 412	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 413	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021

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10- 414	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 415	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 416	Industrial Tenant Roster -- March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 417	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 418	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 419	FWM 001325 -- FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 420	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 421	DOI 000898 -- DOI 000899. Dooley Brothers, Inc., Response to Section 104(e) information request, Pages 1-2.	See CD #2, Doc. No. 00018402
10- 422	FWM 000914 -- FWM 000915. Igloo Lease Contract No. 14-16-0003-81-501 by and between U. S. Fish and Wildlife Service and Dooley Brothers, Inc., dated October 1, 1980, Pages 1 and Page 1 of Page 1A.	See CD #2, Doc. No. 00022334
10- 423	Industrial Tenant Roster -- March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 424	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 425	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 426	FWM 001325 -- FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 427	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 428	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 429	Industrial Tenant Roster -- March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 430	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015

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10- 431	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 432	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 433	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 434	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 435	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 436	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 437	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 438	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 439	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 440	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 441	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 442	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 443	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 444	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 445	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 446	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 447	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 448	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015

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10- 449	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 450	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 451	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 452	DOI 000157. Austin Powder's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00017984
10- 453	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 454	FWM 001316. Lease Contract No. 14-19-0003-2631 by and between Universal Match Corporation and the U.S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956.	See CD #2, Doc. No. 00025015
10- 455	FWM 001321. Amendment No. 2 to Lease Contract No. 14-19-003-2631, dated December 17, 1956.	See CD #2, Doc. No. 00025019
10- 456	FWM 001325 – FWM 001326. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Pages 1-2.	See CD #2, Doc. No. 00025021
10- 457	FWM 001329. Unidynamics, Letter to CONWR regarding terminating some buildings under their lease contract and keep others, dated August 29, 1963.	See CD #2, Doc. No. 00025026
10- 458	DPRA Document No. 00024805. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, September 1 thru December 31, 1962, Page 32 and Table No. 3 – Industrial Leasing, Revenue & Employment.	See CD #2, Doc. No. 00024805
10- 459	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 460	FWM 000956 – FWM 000957. Igloo Lease, Contract No. 14-16-0003-81-503 by and between U.S. Fish and Wildlife Service and Emergency Service & Disaster Agency, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00024965
10- 461	Interview with Mr. Doyle Case of CONWR, as noted in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Page 51.	See CD #3, Doc. 1992TECHLAWPG51
10- 462	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
10- 463	FWM 001253 – FWM 001254. Lease Contract No. 14-19-003-2694, Lands Designation M-22 by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1956, Pages 1-2.	See CD #2, Doc. No. 00021836
10- 464	FWM 001260 – FWM 001261. Lease Contract No. 14-16-0003-4751, Lands Designation M-22 by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1961, Pages 1-2.	See CD #2, Doc. No. 00024997

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10- 465	DOI 007714. USDOJ, Letter to Sangamo Electric Company regarding cancellation of Lease Contract No. 14-16-0003-4751, dated March 20, 1962.	See CD #2, Doc. No. 00022929
10- 466	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 467	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 468	CRO 001595 B. Newspaper article from the Southern Illinoian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 469	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 470	DOI 007300. Mine Service Co., Inc. response to Section 104(e) request for information, dated June 28, 1989, Page 2.	See CD #2, Doc. No. 00019920
10- 471	DPRA Document Nos. 00018045, and 00019928. Special Use Permit numbers SUP-71-78, and SUP-63-79.	See CD #2, Doc. Nos. 00018045, 00019928
10- 472	DPRA Document No. 00006752. Igloo Lease Contract No. 14-16-0003-81-504 by and between U.S. Fish and Wildlife Service and Mine Service Company, Inc., dated October 1, 1980.	See CD #1, Doc. No. 00006752
10- 473	DPRA Document No. 00006742. Igloo Lease Contract No. 14-16-0003-91-569 by and between U.S. Fish and Wildlife Service and Dyna-Blast, Inc. d/b/a Mine Service Company, Inc., dated October 1, 1991.	See CD #1, Doc. No. 00006742
10- 474	DOI 007306. Mine Service Co., Inc., Letter to CONWR informing Refuge that monthly inspections are not necessary in Mine Service's igloos, dated September 14, 1979.	See CD #2, Doc. No. 00019929
10- 475	CRO 001595 B. Newspaper article from the Southern Illinoian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 476	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 477	CRO 001595 B. Newspaper article from the Southern Illinoian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 478	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 479	DOI 007300. Mine Service Co., Inc. response to Section 104(e) request for information, dated June 28, 1989, Page 2.	See CD #2, Doc. No. 00019920
10- 480	DPRA Document Nos. 00018045, and 00019928. Special Use Permit numbers SUP-71-78, and SUP-63-79.	See CD #2, Doc. Nos. 00018045, 00019928
10- 481	DPRA Document No. 00006752. Igloo Lease Contract No. 14-16-0003-81-504 by and between U.S. Fish and Wildlife Service and Mine Service Company, Inc., dated October 1, 1980.	See CD #1, Doc. No. 00006752

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10- 482	DPRA Document No. 00006742. Igloo Lease Contract No. 14-16-0003-91-569 by and between U.S. Fish and Wildlife Service and Dyna-Blast, Inc. d/b/a Mine Service Company, Inc., dated October 1, 1991.	See CD #1, Doc. No. 00006742
10- 483	DOI 007306. Mine Service Co., Inc., Letter to CONWR informing Refuge that monthly inspections are not necessary in Mine Service's igloos, dated September 14, 1979.	See CD #2, Doc. No. 00019929
10- 484	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 485	CRO 001595 B. Newspaper article from the Southern Illinoisian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 486	DPRA Document No. 00007571. Amendment No. 9 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective February 1, 1995.	See CD #1, Doc. No. 00007571
10- 487	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., effective January 1, 1997.	See CD #1, Doc. No. 00007583
10- 488	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 489	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 490	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 491	CRO 001595 B. Newspaper article from the Southern Illinoisian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 492	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 493	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 494	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 495	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 496	DPRA Document No. 00007568. Amendment No. 8 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective June 1, 1994.	See CD #1, Doc. No. 00007568
10- 497	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., effective January 1, 1997.	See CD #1, Doc. No. 00007583
10- 498	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524

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10- 499	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 500	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 501	CRO 001595 B. Newspaper article from the Southern Illinoisian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 502	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 503	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 504	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 505	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 506	DPRA Document No. 00007563. Amendment No. 5 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective March 1, 1987.	See CD #1, Doc. No. 00007563
10- 507	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 508	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 509	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 510	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 511	CRO 001595 B. Newspaper article from the Southern Illinoisian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 512	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 513	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 514	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 515	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468

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10- 516	DPRA Document No. 00007563. Amendment No. 5 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective March 1, 1987.	See CD #1, Doc. No. 00007563
10- 517	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 518	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 519	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 520	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 521	CRO 001595 B. Newspaper article from the Southern Illinoian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 522	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 523	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 524	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 525	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 526	DPRA Document No. 00007563. Amendment No. 5 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective March 1, 1987.	See CD #1, Doc. No. 00007563
10- 527	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 528	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 529	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 530	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 531	CRO 001595 B. Newspaper article from the Southern Illinoian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 532	DPRA Document No. 00027299. Special Use Permit SUP-59-77.	See CD #2, Doc. No. 00027299

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10- 533	DPRA Document No. 00003704. Fish and Wildlife Service, Letter to Austin Powder Company regarding maintenance items required for leased igloos in Area 6, dated March 28, 1979.	See CD #1, Doc. No. 00003704
10- 534	DOI 000164 – DOI 000165. Igloo Lease Contract No. 14-16-0003-81-500 by and between U.S. Fish and Wildlife Service and Austin Powder Company, dated October 1, 1980, Page 1 and Page 1 of Page 1A.	See CD #2, Doc. No. 00017990
10- 535	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
10- 536	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 537	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 538	CRO 001595 B. Newspaper article from the Southern Illinoisian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 539	DPRA Document No. 00027299. Special Use Permit SUP-59-77.	See CD #2, Doc. No. 00027299
10- 540	DPRA Document No. 00003704. Fish and Wildlife Service, Letter to Austin Powder Company regarding maintenance items required for leased igloos in Area 6, dated March 28, 1979.	See CD #1, Doc. No. 00003704
10- 541	DOI 000164 – DOI 000165. Igloo Lease Contract No. 14-16-0003-81-500 by and between U.S. Fish and Wildlife Service and Austin Powder Company, dated October 1, 1980, Page 1 and Page 1 of Page 1A.	See CD #2, Doc. No. 00017990
10- 542	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
10- 543	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 544	CRO 000486. Lease Contract No. 14-16-0003-4730 by and between U. S. Fish and Wildlife Service and Petrof Trading Company, Inc., dated December 1, 1961, Page 1.	See CD #2, Doc. No. 00025185
10- 545	CRO 001595 B. Newspaper article from the Southern Illinoisian, dated April 24, 1962.	See CD #2, Doc. No. 00025481
10- 546	DPRA Document No. 00027299. Special Use Permit SUP-59-77.	See CD #2, Doc. No. 00027299
10- 547	DPRA Document No. 00003704. Fish and Wildlife Service, Letter to Austin Powder Company regarding maintenance items required for leased igloos in Area 6, dated March 28, 1979.	See CD #1, Doc. No. 00003704
10- 548	DOI 000164 – DOI 000165. Igloo Lease Contract No. 14-16-0003-81-500 by and between U.S. Fish and Wildlife Service and Austin Powder Company, dated October 1, 1980, Page 1 and Page 1 of Page 1A.	See CD #2, Doc. No. 00017990
10- 549	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055

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10- 550	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 551	CRO 001564. Special Use Permit SUP-49-70.	See CD #2, Doc. No. 00025441
10- 552	CRO 001645 – CRO 001649. Special Use Permit numbers SUP-42-72, SUP-55-72, SUP-11-73, SUP-48-74, and SUP-18-75.	See CD #2, Doc. Nos. 00025529, 00025540, 00025542, 00025543, 00025546
10- 553	DOI 007300. Mine Service Co., Inc. response to Section 104(e) request for information, dated June 28, 1989, Page 2.	See CD #2, Doc. No. 00019920
10- 554	DPRA Document Nos. 00018038, 00018042, 00018045, and 00019928. Special Use Permit numbers SUP-95-76, SUP-66-77, SUP-71-78, and SUP-63-79.	See CD #2, Doc. Nos. 00018038, 00018042, 00018045, 00019928
10- 555	DPRA Document No. 00006752. Igloo Lease Contract No. 14-16-0003-81-504 by and between U.S. Fish and Wildlife Service and Mine Service Company, Inc., dated October 1, 1980.	See CD #1, Doc. No. 00006752
10- 556	DPRA Document No. 00006742. Igloo Lease Contract No. 14-16-0003-91-569 by and between U.S. Fish and Wildlife Service and Dyna-Blast, Inc. d/b/a Mine Service Company, Inc., dated October 1, 1991.	See CD #1, Doc. No. 00006742
10- 557	DOI 007306. Mine Service Co., Inc., Letter to CONWR informing Refuge that monthly inspections are not necessary in Mine Service's igloos, dated September 14, 1979.	See CD #2, Doc. No. 00019929
10- 558	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 559	CRO 001545, CRO 001550, CRO 001552, CRO 001554, CRO 001562, CRO 001558, CRO 001559, and CRO 001561. Special Use Permit numbers SUP-12-73, SUP-12-74, SUP-12-75, SUP-14-76, SUP-102-76, SUP-10-78, SUP-04-79, and SUP-03-80.	See CD #2, Doc. Nos. 00025399, 00025401, 00025406, 00025412, 00025436, 00025425, 00025429, 00025434, 00025438
10- 560	DPRA Document No. 00007546. Igloo Lease, Contract No. 14-16-0003-81-506, by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007546
10- 561	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007583
10- 562	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 563	PRI-00468. From the Olin files, an attachment to a letter from FWS regarding required maintenance items for igloos in Area 6, dated May 2, 1985. The attachment is a list of materials Olin is storing in igloos on the refuge.	See CD #1, Doc. Nos. 00013839 and 00013840
10- 564	DPRA Document No. 00015490/PRI-006673 – PRI-006674. Olin, Inter Office Memo entitled "Quarterly Safety Audit, Warehouses and Igloos, dated October 12, 1977, Pages 1-2. Note, when referring to igloos in Area 6, Olin often used the prefix "6" for their igloo numbers, which indicated Area 6, e.g., HE-7-1 is referred to as 6-7-1.	See CD #1, Doc. No. 00015490

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10- 565	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 566	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 567	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 568	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 569	DPRA Document No. 00003170. CONWR, Letter to Sontec Company enclosing copies of Amendment No. 1 to Lease Contract No. 14-16-0003-85-551, dated December 17, 1986.	See CD #1, Doc. No. 00003170
10- 570	CRO 000530 – CRO 000231. Igloo Lease Contract No. 14-16-0003-85-551 by and between U. S. Fish and Wildlife Service and Sontec Company, dated May 1, 1985, Pages 1-2.	See CD #2, Doc. No. 00025238
10- 571	DPRA Document No. 00003038. Amendment No. 1 to Igloo Lease No. 14-16-0003-85-551, Sontec Company, effective January 1, 1987.	See CD #1, Doc. No. 00003038
10- 572	FWM 001245 - FWM 001246. Igloo Lease Contract No. 14-16-0003-87-557 by and between U. S. Fish and Wildlife Service and Propellex Corporation, dated January 1, 1987, Pages 1-2.	See CD #2, Doc. No. 00021852
10- 573	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 574	DOI 007408 – DOI 007409. Propellex's response to Section 104(e) request for information, Pages 1-2.	See CD #2, Doc. No. 00020007
10- 575	DOI 007449. Department of the Secretary of State, Patent and Copyright Office, Canada, Patent Number 692921, dated August 18, 1964.	See CD #2, Doc. No. 00020025
10- 576	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 577	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 578	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 579	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 580	CRO 000530 – CRO 000231. Igloo Lease Contract No. 14-16-0003-85-551 by and between U. S. Fish and Wildlife Service and Sontec Company, dated May 1, 1985, Pages 1-2.	See CD #2, Doc. No. 00025238

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10- 581	DPR A Document No. 00003038. Amendment No. 1 to Igloo Lease No. 14-16-0003-85-551, Sontec Company, effective January 1, 1987.	See CD #1, Doc. No. 00003038
10- 582	FWM 001245 - FWM 001246. Igloo Lease Contract No. 14-16-0003-87-557 by and between U. S. Fish and Wildlife Service and Propellex Corporation, dated January 1, 1987, Pages 1-2.	See CD #2, Doc. No. 00021852
10- 583	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 584	DOI 007408 – DOI 007409. Propellex's response to Section 104(e) request for information, Pages 1-2.	See CD #2, Doc. No. 00020007
10- 585	DOI 007449. Department of the Secretary of State, Patent and Copyright Office, Canada, Patent Number 692921, dated August 18, 1964.	See CD #2, Doc. No. 00020025
10- 586	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part II, Section 4, Sheet 17.	See CD #1, Doc. No. 00009321
10- 587	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part II, Section 4, Sheet 17.	See CD #1, Doc. No. 00009321
10- 588	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 589	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 590	DPR A Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 591	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 592	DPR A Document No. 00007563. Amendment No. 5 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective March 1, 1987.	See CD #1, Doc. No. 00007563
10- 593	DPR A Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., effective January 1, 1997.	See CD #1, Doc. No. 00007583
10- 594	DPR A Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 595	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 596	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 597	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468

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10- 598	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 599	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 600	DPRA Document No. 00007568. Amendment No. 8 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective June 1, 1994.	See CD #1, Doc. No. 00007568
10- 601	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., effective January 1, 1997.	See CD #1, Doc. No. 00007583
10- 602	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 603	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 604	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 605	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 606	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 607	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 608	DPRA Document No. 00007568. Amendment No. 8 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective June 1, 1994.	See CD #1, Doc. No. 00007568
10- 609	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., effective January 1, 1997.	See CD #1, Doc. No. 00007583
10- 610	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 611	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 612	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 613	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468

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10- 614	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 615	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 616	FWM 000882 – FWM 000883. Igloo Lease Contract No. 14-16-0003-86-556 by and between U.S. Fish and Wildlife Service and Circle R Powder and Explosive Company, dated November 1, 1986, Pages 1-2.	See CD #2, Doc. No. 00024942
10- 617	CRO 000231. Refuge files, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
10- 618	DPRA Document No. 00006569. Amendment No. 2 to Igloo Lease Contract No. 14-16-0003-86-556U, effective July 1, 1991.	See CD #1, Doc. No. 00006569
10- 619	DPRA Document No. 00007568. Amendment No. 8 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, effective June 1, 1994.	See CD #1, Doc. No. 00007568
10- 620	DPRA Document No. 00007583. Amendment No. 11 to Igloo Lease Contract No. 14-16-0003-81-506, Primex Technologies, Inc., effective January 1, 1997.	See CD #1, Doc. No. 00007583
10- 621	DPRA Document No. 00007524. Building and Igloo Lease, Contract No. 14-16-0003-96-579, by and between U.S. Fish and Wildlife Service and Primex Technologies, Inc., dated January 1, 1997, Pages 1, 8 and 10.	See CD #1, Doc. No. 00007524
10- 622	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 623	DOI 001024, DOI 001028, and DOI 001032. Special Use Permit numbers SUP-11-79, SUP-09-80, and one permit marked as Attachment 2-1 (the permit number is illegible).	See CD #2, Doc. Nos. 00018473, 00018477, 00018478
10- 624	DOI 001008. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 1.	See CD #2, Doc. No. 00018468
10- 625	DPRA Document No. 00009392. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #1, Doc. No. 00009392
10- 626	DOI 001012. E.I du Pont de Nemours and Co., First Set of Information Requests, Crab Orchard National Wildlife Refuge NPL Site, dated August 3, 1989, Page 5.	See CD #2, Doc. No. 00018468
10- 627	FWM 000917. Amendment No. 1 to Igloo Lease Contract No. 14-16-0003-81-501, Dooley Brothers, Inc., effective January 1, 1982.	See CD #2, Doc. No. 00022336
10- 628	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 629	DOI 000898 – DOI 000899. Dooley Brothers, Inc., Response to Section 104(e) information request, Pages 1-2.	See CD #2, Doc. No. 00018402
10- 630	DOI 000898. Dooley Brothers, Inc., Response to Section 104(e) information request, Page 1.	See CD #2, Doc. No. 00018402

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10- 631	CRO 000134. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #2, Doc. No. 00025424
10- 632	FWM 000914 – FWM 000915. Igloo Lease Contract No. 14-16-0003-81-501 by and between U. S. Fish and Wildlife Service and Dooley Brothers, Inc., dated October 1, 1980 Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00022334
10- 633	DOI 000898. Dooley Brothers, Inc., Response to Section 104(e) information request, Page 1.	See CD #2, Doc. No. 00018402
10- 634	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 635	DOI 000900. Dooley Brothers, Inc., Response to Section 104(e) information request, Page 3.	See CD #2, Doc. No. 00018402
10- 636	DOI 000921. Dooley Bros., Delivery Ticket, DT-B 00695 for explosives destroyed, dated April 27, 1979.	See CD #2, Doc. No. 00018418
10- 637	DOI 001012.	See CD #2, Doc. No. 00018468
10- 638	DOI 000898. Dooley Brothers, Inc., Response to Section 104(e) information request, Page 1.	See CD #2, Doc. No. 00018402
10- 639	CRO 000134. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Table No. 1 – Industrial Leasing, Revenue, & Employment.	See CD #2, Doc. No. 00025424
10- 640	FWM 000914 – FWM 000915. Igloo Lease Contract No. 14-16-0003-81-501 by and between U. S. Fish and Wildlife Service and Dooley Brothers, Inc., dated October 1, 1980 Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00022334
10- 641	DOI 000898. Dooley Brothers, Inc., Response to Section 104(e) information request, Page 1.	See CD #2, Doc. No. 00018402
10- 642	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
10- 643	ACO 005047 - ACO 005109. Office of Field Director of Ammunition Plants, Shut-Down and Decontamination Procedures for F.D.A.P. Facilities.	See CD #2, Doc. No. 00026036
10- 644	ACO 004979 – ACO 004980. CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00026036
10- 645	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-16 and Volume II (Maps) Page H. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2

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10- 646	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
10- 647	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
10- 648	DOI 000900. Dooley Brothers, Inc., Response to Section 104(e) information request, Page 3.	See CD #2, Doc. No. 00018402
10- 649	DOI 000921. Dooley Bros., Delivery Ticket, DT-B 00695 for explosives destroyed, dated April 27, 1979.	See CD #2, Doc. No. 00018402
10- 650	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
10- 651	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
10- 652	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
10- 653	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
10- 654	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqq_rcqe/index.html
10- 655	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
10- 656	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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11- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 5; and Part I, Section 9, Page 5.	See CD #1, Doc. No. 00009321
11- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part II, Section 4, Sheet 16.	See CD #1, Doc. No. 00009321
11- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 7, Page 4.	See CD #1, Doc. No. 00009321
11- 4	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from CONWR files.	See CD #1, Doc. No. 00009075
11- 5	DPRA Document No. 00009081. CONWR, Lease Data – Industrial Unit, Crab Orchard Refuge, dated August 31, 1949.	See CD #1, Doc. No. 00009081
11- 6	CRO 000212. CONWR, Crab Orchard National Wildlife Refuge Industrial Unit, March 18, 1955, Analysis of Industrial Tenants Employing Labor, Page 2.	See CD #2, Doc. No. 00025038
11- 7	CRO 001575B. Herrin Daily Journal, Newspaper article about Pickens, Roberts and Mayor, dated March 30, 1949.	See CD #2, Doc. No. 00025464
11- 8	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants. According to CRO 000212 CONWR, Crab Orchard National Wildlife Refuge Industrial Unit, March 18, 1955, Analysis of Industrial Tenants Employing Labor, Page 2, the lessee had an antifreeze contract with Sears Roebuck.	See CD #2, Doc. No. 00025054
11- 9	ACO 002327. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
11- 10	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 11	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 12	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 13	CRO 000417 – CRO 000418 and CRO 000422. Lease Contract No. 14-16-0008-12792 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Humitube Packaging, Incorporated, dated May 13, 1968; and CONWR, Cancellation of Lease Contract # 14-16-0003-12792, dated June 26, 1972.	See CD #2, Doc. Nos. 00025146, 00025147
11- 14	ACO 002327. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
11- 15	CRO 000417 – CRO 000418 and CRO 000422. Lease Contract No. 14-16-0008-12792 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Humitube Packaging, Incorporated, dated May 13, 1968; and CONWR, Cancellation of Lease Contract # 14-16-0003-12792, dated June 26, 1972.	See CD #2, Doc. Nos. 00025146, 00025147
11- 16	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420

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11- 17	CRO 000519. Cancellation of Amendment No. 1 to Lease Contract No. 14-16-0003-13315, Rend Lake Beverages, Incorporated, dated January 23, 1973.	See CD #2, Doc. No. 00025230
11- 18	DPRA Document No. 00017966. U.S. Government Memorandum to USFWS Regional Director from USFWS CONWR Project Manager, regarding canceling Rend Lake Beverages lease and transferring Building IN-1-1 to Southern Illinois Manufacturing Company, dated January 16, 1973.	See CD #2, Doc. No. 00017966
11- 19	DPRA Document No. 00027089. Amendment No. 1 to Lease Contract No. 14-16-0003-13737 and Southern Illinois Manufacturing Company, Inc., dated January 1, 1973.	See CD #2, Doc. No. 00027089
11- 20	DPRA Document No. 00027092. Amendment No. 2 to Lease Contract No. 14-16-0003-13737 and Southern Illinois Manufacturing Company, Inc., dated April 25, 1974.	See CD #2, Doc. No. 00027092
11- 21	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 22	CRO 000496. Lease Contract No. 14-16-0003-30,605 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Pre-Hung Door Company, dated May 1, 1974.	See CD #2, Doc. No. 00025191
11- 23	DPRA Document No. 00018998. Amendment No. 1 to Lease Contract No. 14-16-0003-30,605, effective and dated August 1, 1975.	See CD #2, Doc. No. 00018998
11- 24	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 25	CRO 001367. Amendment No. 2 to Lease Contract No. 14-16-0003-30,634, Mental Health Services of Franklin and Williamson Counties, Inc., effective date April 1, 1976.	See CD #2, Doc. No. 00025118
11- 26	CRO 001371. Amendment No. 5 to Lease Contract No. 14-16-0003-30,634, Mental Health Services of Franklin and Williamson Counties, Inc., effective date April 30, 1980.	See CD #2, Doc. No. 00025128
11- 27	CRO 000280 – CRO 000281. Building Lease Contract No. 14-16-0003-84-544 by and between U.S. Fish and Wildlife Service and B.B. Robertson Company, dated March 1, 1984, Pages 1-2.	See CD #2, Doc. No. 00025057
11- 28	CRO 000292. Amendment No. 2 to Building Lease Contract No. 14-16-0003-84-544, B.B. Robertson Company, effective date February 1, 1988.	See CD #2, Doc. No. 00025058
11- 29	DOI 001579. Amendment No. 2 to Building Lease Contract No. 14-16-0003-81-517, Olin Corporation, effective date March 1, 1988.	See CD #2, Doc. No. 00018824
11- 30	ACO 002398. Olin Corporation's response to Section 104(e) request for information, Page 5.	See CD #2, Doc. No. 00018644
11- 31	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 32	CRO 000421. Exhibit "B," Lease Contract – Humitube Packaging, Inc. – June 1, 1968, Personal Property and Installed Equipment.	See CD #2, Doc. Nos. 00025146, 00025820

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 33	DPRA Document NO. 00027074. Great American Insurance Companies, Certificate of Insurance for Southern Illinois Manufacturing Co., Inc. and Pre-Hung Door Company.	See CD #2, Doc. No. 00027074
11- 34	DPRA Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949.	See CD #1, Doc. No. 00009059
11- 35	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 36	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 37	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 38	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 39	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 40	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 41	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 42	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 43	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 44	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 45	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 46	ACC 000057 – ACC 000068. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 47	DOI 007939. Charmglow Industries, Inc., Letter to USDOL in response to a 104e request regarding Turco Manufacturing Company, dated June 15, 1989.	See CD #2, Doc. No. 00020365
11- 48	DOI 001554 – DOI 001555. Building Lease Contract No. 14-16-0003-81-517 by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #2, Doc. No. 00018822
11- 49	DPRA Document No. 00007577. Amendment No. 8 to Building Lease Contract No. 14-16-0003-81-517, Olin Corporation, effective January 1, 1997.	See CD #1, Doc. No. 00007577
11- 50	DPRA Document No. 00017640. Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective December 1, 1999, Pages 1 and 3.	See CD #2, Doc. No. 00017640

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11- 51	DPRA Document No. 00017640. "Environmental Site Closure Assessment" section of Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., amendment effective December 1, 1999, Environmental Site Closure Assessment dated December 3, 1993.	See CD #2, Doc. No. 00017640
11- 52	ACO 002398. Olin Corporation's response to Section 104(e) request for information, Page 5.	See CD #2, Doc. No. 00018644
11- 53	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 54	Interview with MDM employees on site, on March 13, 2001.	Information obtained while on site. A hard copy of the conversation is not available.
11- 55	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
11- 56	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
11- 57	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 58	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 59	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 60	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 61	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 62	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 63	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 64	DOI 001069. Great Lakes Terminal and Transport Corporation's response to 104e request.	See CD #2, Doc. No. 00018527
11- 65	ACC 000058. Listing of Area 7 leasing information as obtained from leases. Note that lease dates overlap with Great Lakes Terminal and Transport.	See CD #1, Doc. No. 00007394
11- 66	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 67	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 68	CRO 000111. U.S. Department of the Interior. Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 69	CRO 000482. Pennzoil Products Company, Letter to CONWR regarding consigning leases from Pennzoil to Pennzoil Products, dated October 14, 1986.	See CD #2, Doc. No. 00025182
11- 70	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 71	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 72	CRO 000181. U.S. Department of the Interior, , Fish and Wildlife Service, National Wildlife Refuge System, Narrative Report, 1968, Page 38.	See CD #2, Doc. No. 00025443
11- 73	DPRA Database No. 00027050. Special Use Permit No. SUP-97-76, between Federal Prison Industries-U.S. Department of Justice and USFWS.	See CD #2, Doc. No. 00027050
11- 74	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 75	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 76	DPRA Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 77	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 78	CRO 000190. Department of the Interior, , Fish and Wildlife Service, National Wildlife Refuge System, Narrative Report, 1988, Page 58.	See CD #2, Doc. No. 00025449
11- 79	Interview with Maytag employee, Laurel Johns, on March 13, 2001 during site visit.	Information obtained while on site. A hard copy of the conversation is not available.
11- 80	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 81	DOI 001069. Great Lakes Terminal and Transport Corporation's response to 104e request.	See CD #2, Doc. No. 00018527
11- 82	U.S. Department of Health and Human Services, Agency for Toxic Substances and Disease Registry. Source: http://www.atsdr.cdc.gov/tfacts1.html	Publicly available at the US Department of Health and Human Services at http://atsdr.cdc.gov/tfacts1.html
11- 83	FWM 000514-000516, DPRA document 00024861. Letter to Norrel Wallace, Project Manager, Crab Orchard Lake National Wild Life Refuge (sic) from Charles Knote, Cape-Kil Pest Control Co., dated 28 July 1986.	See CD #2, Doc. No. 00024861
11- 84	DPRA documents 00005954-00005960. Letter to Roger Twenhafel, Little Egypt Grain Co., from Norrel Wallace, Project Manager, dated 12 November 1986, with attachments. MSMA is a herbicide, described as 6+, Glyphosate (Roundup), Bromacil & Diuron (mixed). It was to control grasses in a three-ft band around the building. Malathion is a pesticide which was to be applied to the walls, floor, and the grain.	See CD #1, Doc. Nos. 00005954-0005960

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11- 85	Cape-Kil Pest Control had also asked for permission to use Chlorphacinone, a rat poison. Permission was apparently not granted; this compound was not included in the list approved by USFWS. Reference: FWM 000515. Page 2 of letter to Norrel Wallace, Project Manager, Crab Orchard Lake National Wildlife Refuge (sic) from Charles Knot, Cape-Kil Pest Control Co., dated 28 July 1986.	See CD #2, Doc. No. 00024861
11- 86	See, for example, U.S. Department of Agriculture Fact Sheets for the listed pesticides/herbicides available at http://infoventures.com .	Publicly available at http://infoventures.com
11- 87	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 88	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 89	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 90	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 91	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 92	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 93	DOI 001069. Great Lakes Terminal and Transport Corporation's response to 104e request.	See CD #2, Doc. No. 00018527
11- 94	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 95	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 96	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 97	CRO 000181. U.S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Narrative Report, 1968, Page 38.	See CD #2, Doc. No. 00025443
11- 98	CRO 001518. Special Use Permit No. SUP-14-72, dated October 27, 1971.	See CD #2, Doc. No. 00025354
11- 99	CRO 001534. Cancellation of Special Use Permit No. SUP-14-72, dated June 25, 1976.	See CD #2, Doc. No. 00025376
11- 100	CRO 001518. Special Use Permit No. SUP-14-72, dated October 27, 1971.	See CD #2, Doc. No. 00025354
11- 101	CRO 001533. Special Use Permit No. SUP-04-76, dated July 29, 1975.	See CD #2, Doc. No. 00025375
11- 102	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 103	FWM 001249 – FWM 001250. Building Lease Contract No. 14-16-0003-84-545 by and between U. S. Fish and Wildlife Service and R. C. Beverage Company of Herrin, Illinois, Incorporated, Pages 1-2.	See CD #2, Doc. No. 00021854

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11- 104	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 105	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 106	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 107	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 108	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 109	DOI 001069. Great Lakes Terminal and Transport Corporation's response to 104e request.	See CD #2, Doc. No. 00018527
11- 110	DPRA Document No. 00009039. CONWR, Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, dated June 1, 1951, Page 7.	See CD #1, Doc. No. 00009039
11- 111	CRO 000309. Amendment No. 3 to Lease Contract No. 14-16-0003-12645 and Cubicon Corporation formerly Central Fixture Manufacturing Company, effective March 1, 1972, Page 1.	See CD #2, Doc. No. 00018880
11- 112	CRO 000308. Amendment No. 2 to Lease Contract No. 14-16-0003-12645, Central Fixture Manufacturing Company, effective May 1, 1971, Pages 1-2.	See CD #2, Doc. No. 00018874
11- 113	CRO 000309. Amendment No. 3 to Lease Contract No. 14-16-0003-12645 and Cubicon Corporation formerly Central Fixture Manufacturing Company, effective March 1, 1972, Page 1.	See CD #2, Doc. No. 00018880
11- 114	FWM 000886. Lease Contract No. 14-16-0003-13,980 by and between Cubicon Corporation, effective January 1, 1974, Page 1.	See CD #2, Doc. No. 00024943
11- 115	FWM 000892. Amendment No. 4 to Lease Contract No. 14-16-0003-13,980, Cubicon Corporation, effective December 31, 1983.	See CD #2, Doc. No. 00024948
11- 116	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 117	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 118	DPRA Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 119	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 120	1943 and 1951 aerial photographs from the National Archives and Records Administration, College Park, Maryland (of Area 2P) (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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11- 121	DPRA Document No. 00006449. From the Crab Orchard National Wildlife Refuge files. A handwritten annual cost calendar for fire control and the water plant, includes information for Area 7, dated April 20, 1976.	See CD #1, Doc. No. 00006449
11- 122	Original IOP Plan No.6544-101.11, dated February 28, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-11
11- 123	DOI 001069. Great Lakes Terminal and Transport Corporation's response to 104e request.	See CD #2, Doc. No. 00018527
11- 124	DPRA Document No. 00009039. CONWR, Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, dated June 1, 1951, Page 7.	See CD #1, Doc. No. 00009039
11- 125	CRO 000308. Amendment No. 2 to Lease Contract No. 14-16-0003-12645, Central Fixture Manufacturing Company, effective May 1, 1971, Pages 1-2.	See CD #2, Doc. No. 00018874
11- 126	DPRA Document No. 00024765. U.S. Department of the Interior, Fish & Wildlife Service, Management Plan Prints, Index, Page 9, date unknown.	See CD #2, Doc. No. 00024765
11- 127	FWM 001022 - FWM 001023. Building Lease Contract No. 14-16-0003-84-542 by and between U.S. Fish and Wildlife Service and Midwest Woodworking and Fixture Corporation, dated January 1, 1984, Pages 1-2.	See CD #2, Doc. No. 00024988
11- 128	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland.	See CD #3, directory called: AERIAL PHOTOS
11- 129	1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah.	See CD #3, directory called: AERIAL PHOTOS
11- 130	Observed on a site visit in March 2001.	This footnote either provides additional information or further clarifies the text; no document is referenced.
11- 131	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 132	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 133	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 134	DOI 001069. Great Lakes Terminal and Transport Corporation's response to 104e request.	See CD #2, Doc. No. 00018527
11- 135	DPRA Document No. 00009039. CONWR, Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, dated June 1, 1951, Page 7.	See CD #1, Doc. No. 00009039
11- 136	CRO 000309. Amendment No. 3 to Lease Contract No. 14-16-0003-12645 and Cubicon Corporation formerly Central Fixture Manufacturing Company, effective March 1, 1972, Page 1.	See CD #2, Doc. No. 00018880
11- 137	CRO 000308. Amendment No. 2 to Lease Contract No. 14-16-0003-12645, Central Fixture Manufacturing Company, effective May 1, 1971, Pages 1-2.	See CD #2, Doc. No. 00018874

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11- 138	CRO 000309. Amendment No. 3 to Lease Contract No. 14-16-0003-12645 and Cubicon Corporation formerly Central Fixture Manufacturing Company, effective March 1, 1972, Page 1.	See CD #2, Doc. No. 00018880
11- 139	CRO 000310. Amendment No. 4 to Lease Contract No. 14-16-0003-12645 and Cubicon Corporation formerly Central Fixture Manufacturing Company, effective June 1, 1972, Page 1.	See CD #2, Doc. No. 00018881
11- 140	FWM 000890. Amendment No. 2 to Lease Contract No. 14-16-0003-13,980, Cubicon Corporation, effective June 15, 1980.	See CD #2, Doc. No. 00024945
11- 141	FWM 000892. Amendment No. 4 to Lease Contract No. 14-16-0003-13,980, Cubicon Corporation, effective December 31, 1983.	See CD #2, Doc. No. 00024948
11- 142	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 143	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 144	DPRA Document No. 00027087. Lease Contract No. 14-16-0003-13737 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Southern Illinois Manufacturing Company, Incorporated, Page 1.	See CD #2, Doc. No. 00027087
11- 145	DPRA Document No. 00027092. Amendment No. 2 to Lease Contract No. 14-16-0003-13737 and Southern Illinois Manufacturing Company, Inc., dated April 25, 1974.	See CD #2, Doc. No. 00027092
11- 146	CRO 000496. Lease Contract No. 14-16-0003-30,605 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Pre-Hung Door Company, dated May 1, 1974, Page 1.	See CD #2, Doc. No. 00025191
11- 147	DPRA Document Nos. 00019002 and 00019007. Amendment No. 2 to Lease Contract No. 14-16-0003-30,605, Pre-Hung Door, dated April 24, 1979 (re-submitted: July 30, 1979); and Amendment No. 3 to Lease Contract No. 14-16-0003-30,605, Pre-Hung Door Company, dated May 1, 1980.	See CD #2, Doc. Nos. 00019002, 00019007
11- 148	CRO 000498. Cancellation of Lease Contract No. 14-16-0003-30,650, Pre-Hung Door Company, Marion, Illinois dated June 13, 1980.	See CD #2, Doc. No. 00025194
11- 149	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 150	FWM 001026. Amendment No. 1 to Building Lease Contract No. 14-16-0003-83-542, Midwest Woodworking & Fixture Corporation, effective date June 1, 1985.	See CD #2, Doc. No. 00024989
11- 151	DPRA Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 152	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055

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11- 153	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 154	DPRA Document NO. 00027074. Great American Insurance Companies, Certificate of Insurance for Southern Illinois Manufacturing Co., Inc. and Pre-Hung Door Company.	See CD #2, Doc. No. 00027074
11- 155	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 156	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 157	DPRA Document No. 00009081. CONWR, Lease Data – Industrial Unit, Crab Orchard Refuge, dated August 31, 1949.	See CD #1, Doc. No. 00009081
11- 158	CRO 000212. CONWR, Crab Orchard National Wildlife Refuge Industrial Unit, March 18, 1955, Analysis of Industrial Tenants Employing Labor, Page 2.	See CD #2, Doc. No. 00025038
11- 159	CRO 001575B. Herrin Daily Journal, Newspaper article about Pickens, Roberts and Mayor, dated March 30, 1949.	See CD #2, Doc. No. 00025464
11- 160	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants. According to CRO 000212 CONWR, Crab Orchard National Wildlife Refuge Industrial Unit, March 18, 1955, Analysis of Industrial Tenants Employing Labor, Page 2, the lessee had a antifreeze contract with Sears Roebuck.	See CD #2, Doc. No. 00025054
11- 161	ACO 002327. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
11- 162	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 163	ACC 000057. Listing of Area 7 leasing information as obtained from leases. GSA's lease was actually through 1970, which overlaps with Humitube's lease.	See CD #1, Doc. No. 00007394
11- 164	ACO 002327. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
11- 165	CRO 000417 – CRO 000418 and CRO 000422. Lease Contract No. 14-16-0008-12792 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Humitube Packaging, Incorporated, dated May 13, 1968; and CONWR, Cancellation of Lease Contract # 14-16-0003-12792, dated June 26, 1972.	See CD #2, Doc. Nos. 00025146, 00025147
11- 166	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 167	DPRA Document No. 00017966. U.S. Government Memorandum to USFWS Regional Director from USFWS CONWR Project Manager, regarding canceling Rend Lake Beverages lease and transferring Building IN-1-1 to Southern Illinois Manufacturing Company, dated January 16, 1973.	See CD #2, Doc. No. 00017966

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11- 168	DPRA Document No. 00027087. Lease Contract No. 14-16-0003-13737 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Southern Illinois Manufacturing Company, Incorporated, dated August 23 1972, Page 1.	See CD #2, Doc. No. 00027087
11- 169	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 170	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 171	CRO 001367. Amendment No. 2 to Lease Contract No. 14-16-0003-30,634, Mental Health Services of Franklin and Williamson Counties, Inc., effective date April 1, 1976.	See CD #2, Doc. No. 00025118
11- 172	CRO 001371. Amendment No. 5 to Lease Contract No. 14-16-0003-30,634, Mental Health Services of Franklin and Williamson Counties, Inc., effective date April 30, 1980.	See CD #2, Doc. No. 00025128
11- 173	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 174	1960 and 1965 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah.	See CD #3, directory called: AERIAL PHOTOS
11- 175	FWM 000993. Building Lease Contract No. 14-16-0003-83-540 by and between U. S. Fish and Wildlife Service and Hospital & Physician Consulting Service, Incorporated, dated April 15, 1983, Pages 1-2.	See CD #2, Doc. No. 00024978
11- 176	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 177	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 178	CRO 000421. Exhibit "B," Lease Contract – Humitube Packaging, Inc. – June 1, 1968, Personal Property and Installed Equipment.	See CD #2, Doc. Nos. 00025146, 00025820
11- 179	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 180	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 181	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 182	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, dated June 1, 1951, Page 2.	See CD #1, Doc. No. 00009039
11- 183	ACC 000058 – ACC 000059. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 184	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 185	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 186	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 187	FWM 001002 – FWM 001003. Building Lease Contract No. 14-16-0003-81-516 by and between U.S. Fish and Wildlife Service and Magic Chef, Inc. – Norge Division, dated October 1, 1980, Page 1 and Page 1 of Page 1A.	See CD #2, Doc. No. 00024981
11- 188	ACC 000058 – ACC 000059. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 189	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 190	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 191	According to a current Maytag employee, they historically used this building for storage of spare parts for maintenance. Reference: Interview with Maytag employee, Laurel Johns, on March 13, 2001 during site visit.	This footnote either provides additional information or further clarifies the text; no document is referenced.
11- 192	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 193	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 194	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 195	ACC 000059. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 196	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 197	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 198	ACC 000057 – ACC 000068. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 199	DOI 007939. Charmglow Industries, Inc., Letter to USDOl in response to a 104e request regarding Turco Manufacturing Company, dated June 15, 1989.	See CD #2, Doc. No. 00020365
11- 200	ACC 000059. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 201	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 202	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 203	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 204	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 205	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 206	DPRAs Document No. 00003311. Lease Contract No. 14-19-003-2646 by and between U. S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 3, 1956, Page 1.	See CD #1, Doc. No. 00003311
11- 207	FWM 000969. Lease Contract No. 14-16-0003-4754 by and between U.S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 28, 1961, Page 1.	See CD #2, Doc. No. 00024969
11- 208	CRO 001162. Demko, George Joseph, 1959, The Ordill Ordnance Industrial Cluster: A Study in Manufacturing Geography, Appendix B, Table 6 - The Fabricating Industries, Their Origins, Type of Plant, and Products, Page 62.	See CD #2, Doc. No. 00024856
11- 209	ACC 000059. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 210	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 211	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 212	CRO 000307. Amendment No. 1 to Lease Contract No. 14-16-003-12645, Central Fixture Manufacturing Company, Dated March 5, 1969, Page 1.	See CD #2, Doc. No. 00018871
11- 213	CRO-000311. Cancellation, Amendment No. 1, Lease Contract No. 14-16-0003-12645, Cubicon Corporation (formerly) Central Fixture Manufacturing Company, dated January 10, 1973.	See CD #2, Doc. No. 00018834
11- 214	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 215	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 216	ACC 000058. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 217	FWM 001249 - FWM 001250. Building Lease Contract No. 14-16-0003-84-545 by and between U. S. Fish and Wildlife Service and R. C. Beverage Company of Herrin, Illinois, Incorporated, Pages 1-2.	See CD #2, Doc. No. 00021854
11- 218	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 219	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 220	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah.	See CD #3, directory called: AERIAL PHOTOS
11- 221	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 222	DPR A Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 223	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 224	DPR A Document No. 00003311. Lease Contract No. 14-19-003-2646 by and between U. S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 3, 1956, Page 1.	See CD #1, Doc. No. 00003311
11- 225	FWM 000969. Lease Contract No. 14-16-0003-4754 by and between U.S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 28, 1961, Page 1.	See CD #2, Doc. No. 00024969
11- 226	CRO 001162. Demko, George Joseph, 1959, The Ordill Ordnance Industrial Cluster: A Study in Manufacturing Geography, Appendix B, Table 6 – The Fabricating Industries, Their Origins, Type of Plant, and Products, Page 62.	See CD #2, Doc. No. 00024856
11- 227	CRO 000304. Lease Contract No. 14-16-0003-12645 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Central Fixture Manufacturing Company, dated November 14, 1967, Page 1.	See CD #2, Doc. No. 00018837
11- 228	FWM 000886. Lease Contract No. 14-16-0003-13,980 by and between Cubicon Corporation, December 10, 1973, Page 1.	See CD #2, Doc. No. 00024943
11- 229	FWM 000892. Amendment No. 4 to Lease Contract No. 14-16-0003-13,980, Cubicon Corporation, dated December 31, 1983.	See CD #2, Doc. No. 00024948
11- 230	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 231	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 232	FWM 001022 – FWM 001023. Building Lease Contract No. 14-16-0003-84-542 by and between U.S. Fish and Wildlife Service and Midwest Woodworking and Fixture Corporation, dated January 1, 1984, Pages 1-2.	See CD #2, Doc. No. 00024988
11- 233	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 234	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990. Orpack Stone Corp. was not on this list, so it is assumed that they moved into these buildings after 1990.	See CD #2, Doc. No. 00025055
11- 235	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 236	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 237	A cyclone is a air cleaning device designed to remove large particulates from the air and is normally associated with the metal working industries or industries which grind and lathe large parts.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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11- 238	U.S. Army Corps of Engineers. 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 7 (Plan No. 6544-101.13) and Part II, Section 4, Sheet 5.	See CD #1, Doc. No. 00009321
11- 239	DPRA Document No. 00006467. CONWR, List of Buildings on the Refuge containing information such as FWS Building Numbers, Army Building Numbers, and Square Footage (date unknown), Pages 6 and 10. Building D-1-9 is also known as USFWS Building #130.	See CD #1, Doc. No. 00006467
11- 240	Undated USFWS map of Area-IN with notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #3, Doc. MAP-IN
11- 241	1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
11- 242	CRO 001254. Lease Contract No. 14-19-003-2646 by and between U.S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 1956.	See CD #1, Doc. No. 00003311
11- 243	FWM 000968. Lease Contract No. 14-16-0003-4754 by and between U.S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 28, 1961.	See CD #2, Doc. No. 00024969
11- 244	FWM 000973. Cancellation, Lease No. 14-16-0003-4757, dated October 31, 1967.	See CD #2, Doc. No. 00026016
11- 245	FWM 000886. Lease Contract No. 14-16-0003-13,980 by and between Cubicon Corporation, dated December 10, 1973.	See CD #2, Doc. No. 00024943
11- 246	CRO 000304. Lease Contract No. 14-16-0003-12645 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central Fixtures Manufacturing Company, dated November 1967.	See CD #2, Doc. No. 00018837
11- 247	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 248	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 249	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 250	DPRA Document No. 00003311. Lease Contract No. 14-19-003-2646 by and between U. S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 3, 1956, Page 1.	See CD #1, Doc. No. 00003311
11- 251	FWM 000969. Lease Contract No. 14-16-0003-4754 by and between U.S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 28, 1961, Page 1.	See CD #2, Doc. No. 00024969
11- 252	CRO 001162. Demko, George Joseph, 1959, The Ordill Ordnance Industrial Cluster: A Study in Manufacturing Geography, Appendix B, Table 6 – The Fabricating Industries, Their Origins, Type of Plant, and Products, Page 62.	See CD #2, Doc. No. 00024856

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 253	CRO 000304. Lease Contract No. 14-16-0003-12645 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Central Fixture Manufacturing Company, dated November 14, 1967, Page 1.	See CD #2, Doc. No. 00018837
11- 254	FWM 000886. Lease Contract No. 14-16-0003-13,980 by and between Cubicon Corporation, December 10, 1973, Page 1.	See CD #2, Doc. No. 00024943
11- 255	FWM 000892. Amendment No. 4 to Lease Contract No. 14-16-0003-13,980, Cubicon Corporation, dated December 31, 1983.	See CD #2, Doc. No. 00024948
11- 256	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 257	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 258	FWM 001022 – FWM 001023. Building Lease Contract No. 14-16-0003-84-542 by and between U.S. Fish and Wildlife Service and Midwest Woodworking and Fixture Corporation, dated January 1, 1984, Pages 1-2.	See CD #2, Doc. No. 00024988
11- 259	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 260	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990. Orpack Stone Corp. was not on this list, so it is assumed that they moved into these buildings after 1990.	See CD #2, Doc. No. 00025055
11- 261	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 262	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 263	FWM 001022 – FWM 001023. Building Lease Contract No. 14-16-0003-84-542 by and between U.S. Fish and Wildlife Service and Midwest Woodworking and Fixture Corporation, dated January 1, 1984, Pages 1-2.	See CD #2, Doc. No. 00024988
11- 264	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 265	ACO 002327. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
11- 266	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 267	ACC 000057. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 268	ACO 002327. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725

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11- 269	CRO 000417 – CRO 000418 and CRO 000422. Lease Contract No. 14-16-0008-12792 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Humitube Packaging, Incorporated, dated May 13, 1968; and CONWR, Cancellation of Lease Contract # 14-16-0003-12792, dated June 26, 1972.	See CD #2, Doc. Nos. 00025146, 00025147
11- 270	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 271	DPRA Document No. 00009377. U.S. Department of Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report 1971, Page 64.	See CD #1, Doc. No. 00009377
11- 272	DPRA Document No. 00018947. Letter from Rosenblum and Goldenhersh (Attorneys at Law) to Bureau of Sport Fisheries and Wildlife regarding Humitube Packaging, Inc., dated February 1, 1972.	See CD #2, Doc. No. 00018947
11- 273	1980 Aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah.	See CD #3, directory called: AERIAL PHOTOS
11- 274	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 275	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 276	ACC 000060. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 277	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 278	DPRA Document No. 00008844. Special Use Permit No. SUP-12-66, dated September 15, 1965.	See CD #1, Doc. No. 00008844
11- 279	ACC 000060. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 280	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 281	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 282	ACC 000060. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 283	DOI 007939. Charmglow Industries, Inc., Letter to USDOL in response to a 104e request regarding Turco Manufacturing Company, dated June 15, 1989.	See CD #2, Doc. No. 00020365
11- 284	DPRA Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 285	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055

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11- 286	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990. Orpack Stone Corp. was not on this list, so it is assumed that they moved into these buildings after 1990.	See CD #2, Doc. No. 00025055
11- 287	Industrial Tenant Roster -- March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 288	Industrial Tenant Roster -- March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 289	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 290	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 291	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 292	DPRA Document No. 00003311. Lease Contract No. 14-19-003-2646 by and between U. S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 3, 1956, Page 1.	See CD #1, Doc. No. 00003311
11- 293	FWM 000969. Lease Contract No. 14-16-0003-4754 by and between U.S. Fish and Wildlife Service and Grinnell Sash & Door Company, dated August 28, 1961, Page 1.	See CD #2, Doc. No. 00024969
11- 294	CRO 001162. Demko, George Joseph, 1959, The Ordill Ordnance Industrial Cluster: A Study in Manufacturing Geography, Appendix B, Table 6 -- The Fabricating Industries, Their Origins, Type of Plant, and Products, Page 62.	See CD #2, Doc. No. 00024856
11- 295	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 296	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 297	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 298	ACC 000060. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 299	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 300	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 301	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 302	DOI 007939. Charmglow Industries, Inc., Letter to USDOl in response to a 104e request regarding Turco Manufacturing Company, dated June 15, 1989.	See CD #2, Doc. No. 00020365
11- 303	DOI 001554 - DOI-00155. Building Lease Contract No. 14-16-0003-81-517 by and between U. S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of Page 1A.	See CD #2, Doc. No. 00018822

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 304	DPR A Document No. 00007577. Amendment No. 8 to Building Lease Contract No. 14-16-0003-81-517, Olin Corporation, dated January 1, 1997, Page 1.	See CD #1, Doc. No. 00007577
11- 305	DPR A Document No. 00017640. Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective December 1, 1999, Pages 1 and 3.	See CD #2, Doc. No. 00017640
11- 306	DPR A Document No. 00017640. "Environmental Site Closure Assessment" section of Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., amendment effective December 1, 1999, Environmental Site Closure Assessment dated December 3, 1993.	See CD #2, Doc. No. 00017640
11- 307	ACO 002398. Olin Corporation's response to Section 104(e) request for information, Page 5.	See CD #2, Doc. No. 00018644
11- 308	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990. Orpack Stone Corp. was not on this list, so it is assumed that they moved into these buildings after 1990.	See CD #2, Doc. No. 00025055
11- 309	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 310	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 311	Supreme Transformer was Radionic Products Division of Radionic Controls, Inc. prior to 1956. Reference: DPR A Document No. 00009402. U.S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Thru April, 1956, Table VI.	See CD #1, Doc. No. 00009402
11- 312	ACL 000706. Lease, dated September 1, 1946 (Radionic Products, Inc.), Page 1.	See CD #2, Doc. No. 00022837
11- 313	DPR A Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 12.	See CD #1, Doc. No. 00009059
11- 314	DPR A Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, June 1, 1951, Page 15.	See CD #1, Doc. No. 00009039
11- 315	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 316	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 317	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 318	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 319	CRO 000470 – CRO 471. Building Lease Contract No. 14-16-0003-82-531 by and between U. S. Fish and Wildlife Service and Pennzoil Company, dated September 1, 1982, Pages 1-2.	See CD #2, Doc. Nos. 00025146, 00025181

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 320	CRO 000483. Amendment No. 2 to Building Lease No. 14-16-0003-82-531, Pennzoil Company, dated January 1, 1987.	See CD #2, Doc. No. 00025183
11- 321	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 322	CRO 000181. U.S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Narrative Report, 1968, Page 38.	See CD #2, Doc. No. 00025443
11- 323	DPRA Document No. 00006449. CONWR, Annual Cost CY 1975, Fire Control-200 and Water Plant -300-1, dated April 20, 1976.	See CD #1, Doc. No. 00006449
11- 324	DPRA Document No. 00012791. Little Egypt Grain Company, Letter to the USFWS regarding additional buildings that they would like to lease in Area 7, dated April 20, 1987.	See CD #1, Doc. No. 00012791
11- 325	DPRA Document No. 00005953. Little Egypt Grain Company, Letter to the USFWS regarding termination of lease for Building IN-3-4, dated March 14, 1988.	See CD #1, Doc. No. 00005953
11- 326	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 327	DPRA Document No. 00009402. U.S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Thru April, 1956, Table VI.	See CD #1, Doc. No. 00009402
11- 328	DPRA Document No. 00009410. U.S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Thru April, 1957, Page 3.	See CD #1, Doc. No. 00009410
11- 329	CRO 000833. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May through August, 1959, Table V.	See CD #2, Doc. No. 00024786
11- 330	DPRA Document No. 00009339. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Table 5.	See CD #1, Doc. No. 00009339
11- 331	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 332	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, June 1, 1951, Page 18.	See CD #1, Doc. No. 00009039
11- 333	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 334	CRO 000211. CONWR, Crab Orchard National Wildlife Refuge Industrial Unit, March 18, 1955, Analysis of Industrial Tenants Employing Labor, Page 1.	See CD #2, Doc. No. 00025038
11- 335	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 336	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 337	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352

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11- 338	DPRAs Document No. 00009402. U.S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Thru April, 1956, Pages 12 and 24.	See CD #1, Doc. No. 00009402
11- 339	CRO 001162. Demko, George Joseph, 1959, The Ordill Ordnance Industrial Cluster: A Study in Manufacturing Geography, Appendix B, Table 6 - The Fabricating Industries, Their Origins, Type of Plant, and Products, Page 62.	See CD #2, Doc. No. 00024856
11- 340	CRO 001181. Cancellation of Lease No. 14-16-0003-4788, dated June 5, 1984.	See CD #2, Doc. No. 00024847
11- 341	CRO 001185. Lease Contract No. 14-16-0003-6237 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Philip A. Castellano Doing Business as Permanent Homes, dated January 1, 1964, Page 1.	See CD #2, Doc. No. 00024853
11- 342	FWM 001331. Lease Contract No. <<illegible>> by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Whitby Brothers Pianos, Incorporated, Page 1.	See CD #2, Doc. No. 00025029
11- 343	CRO 000093. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1966, Page 49.	See CD #2, Doc. No. 00025417
11- 344	CRO 000093. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1966, Page 49.	See CD #2, Doc. No. 00025417
11- 345	CRO 000101. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1967, Page 49.	See CD #2, Doc. No. 00025419
11- 346	CRO 001384 - CRO 001385. Lease Contract No. 14-16-0003-12615 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Seyer-Buckner Tool and Machine Company, dated July 7, 1967, Pages 1-2.	See CD #2, Doc. No. 00025056
11- 347	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 348	DPRAs Document No. 00017201. Lease Contract No. 17-16-0003-13,734 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Belos Corporation, dated July 3, 1972, Page 1.	See CD #2, Doc. No. 00017201
11- 349	DOI 000069. DOJ, Crab Orchard National Wildlife Refuge, Narrative Profiles of Potential Information Request Recipients, Page 7.	See CD #2, Doc. No. 00017924
11- 350	DOI 007792. Seyer Industries, Response of Seyer Industries, Inc. to a First Set of Information Requests Concerning Crab Orchard National Wildlife Refuge NPL Site, dated June 21, 1989, Page 1.	See CD #2, Doc. No. 00020239
11- 351	CRO 000356. Lease Contract No. 14-16-0003-30.632 by and between U.S. Fish and Wildlife Service and Dura-Plex Industries, Inc., dated June 1, 1974, Page 1.	See CD #2, Doc. No. 00025117
11- 352	DPRAs Document No. 00020032. Amendment #1 to Lease Contract No. 14-16-0003-30,362, dated December 15, 1977.	See CD #2, Doc. No. 00020032
11- 353	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352

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11- 354	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 355	DOI 007939. Charmglow Industries, Inc., Letter to USDOl in response to a 104e request regarding Turco Manufacturing Company, dated June 15, 1989.	See CD #2, Doc. No. 00020365
11- 356	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 357	CRO 000470 – CRO 471. Building Lease Contract No. 14-16-0003-82-531 by and between U. S. Fish and Wildlife Service and Pennzoil Company, dated September 1, 1982, Pages 1-2.	See CD #2, Doc. Nos. 00025146, 00025181
11- 358	CRO 000483. Amendment No. 2 to Building Lease No. 14-16-0003-82-531, Pennzoil Company, dated January 1, 1987.	See CD #2, Doc. No. 00025183
11- 359	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1973 (Appendix J).	See CD #2, Doc. No. 00022352
11- 360	CRO 000181. U.S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Narrative Report, 1968, Page 38.	See CD #2, Doc. No. 00025443
11- 361	DPRA Document No. 00012791. Little Egypt Grain Company, Letter to the USFWS regarding additional buildings that they would like to lease in Area 7, dated April 20, 1987.	See CD #1, Doc. No. 00012791
11- 362	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 363	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah.	See CD #3, directory called: AERIAL PHOTOS
11- 364	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 365	ACO 002398. Olin Corporation's response to Section 104(e) request for information, Page 5.	See CD #2, Doc. No. 00018644
11- 366	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 367	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 368	FWM 001331. Lease Contract No. <<illegible>> by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Whitby Brothers Pianos, Incorporated, Page 1.	See CD #2, Doc. No. 00025029
11- 369	CRO 000093. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1966, Page 49.	See CD #2, Doc. No. 00025417
11- 370	CRO 001384 – CRO 001385. Lease Contract No. 14-16-0003-12615 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Seyer-Buckner Tool and Machine Company, dated July 7, 1967, Pages 1-2. The lease also included a boiler house.	See CD #2, Doc. No. 00025056
11- 371	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394

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11- 372	DPRA Document No. 00017201. Lease Contract No. 17-16-0003-13,734 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Belos Corporation, dated July 3, 1972, Page 1.	See CD #2, Doc. No. 00017201
11- 373	DOI 000069. DOJ, Crab Orchard National Wildlife Refuge, Narrative Profiles of Potential Information Request Recipients, Page 7.	See CD #2, Doc. No. 00017924
11- 374	DOI 007792. Seyer Industries, Response of Seyer Industries, Inc. to a First Set of Information Requests Concerning Crab Orchard National Wildlife Refuge NPL Site, dated June 21, 1989, Page 1.	See CD #2, Doc. No. 00020239
11- 375	CRO 000356. Lease Contract No. 14-16-0003-30.632 by and between U.S. Fish and Wildlife Service and Dura-Plex Industries, Inc., dated June 1, 1974, Page 1.	See CD #2, Doc. No. 00025117
11- 376	DPRA Document No. 00017998. Amendment #3 to Lease Contract No. 14-16-0003-30,632, dated April 4, 1980.	See CD #2, Doc. No. 00017998
11- 377	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 378	FWM 000875 – FWM 000876. Building Lease Contract No. 14-16-0003-82-533 by and between U. S. Fish and Wildlife Service and Castel Properties, Ltd., dated April 1, 1982, Pages 1-2.	See CD #2, Doc. No. 00024938
11- 379	DPRA Document No. 00016084. U. S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Crab Orchard National Wildlife Refuge, Cartersville, Illinois, Annual Narrative Report, Calendar Year 1992, Page 57. Castel Properties lease was terminated due to non-payment, failure to provide copy of required insurance and failure to maintain buildings properly.	See CD #2, Doc. No. 00016084
11- 380	FWM 000876. Building Lease Contract No. 14-16-0003-82-533 by and between U. S. Fish and Wildlife Service and Castel Properties, Ltd., dated April 1, 1982, Page 2	See CD #2, Doc. No. 00024938
11- 381	DPRA Document No. 00012791. Little Egypt Grain Company, Letter to the USFWS regarding additional buildings that they would like to lease in Area 7, dated April 20, 1987.	See CD #1, Doc. No. 00012791
11- 382	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 383	ACC 000062. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 384	ACO 002327. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
11- 385	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 386	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075

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11- 387	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 388	CRO 000417 – CRO 000418 and CRO 000422. Lease Contract No. 14-16-0008-12792 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Humitube Packaging, Incorporated, dated May 13, 1968; and CONWR, Cancellation of Lease Contract # 14-16-0003-12792, dated June 26, 1972.	See CD #2, Doc. Nos. 00025146, 00025147
11- 389	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 390	CRO 001524. Special Use Permit No. SUP-84-72, dated June 8, 1972.	See CD #2, Doc. No. 00025365
11- 391	CRO 001539. Special Use Permit No. SUP-53-80, dated May 22, 1980.	See CD #2, Doc. No. 00025384
11- 392	DOI 001554 - DOI-00155. Building Lease Contract No. 14-16-0003-81-517 by and between U. S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page1 and Page 1of Page 1A.	See CD #2, Doc. No. 00018822
11- 393	DPRA Document No. 00007577. Amendment No. 8 to Building Lease Contract No. 14-16-0003-81-517.	See CD #1, Doc. No. 00007577
11- 394	DPRA Document No. 00006449. CONWR, Annual Cost CY 1975, Fire Control-200 and Water Plant –300-1, dated April 20, 1976.	See CD #1, Doc. No. 00006449
11- 395	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 396	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 397	DPRA Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949, Page 1.	See CD #1, Doc. No. 00009059
11- 398	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, dated June 1, 1951, Page 1.	See CD #1, Doc. No. 00009039
11- 399	ACC 000062. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 400	CRO 000241A. Amendment No. 2 to Building Lease Contract No. 14-16-0003-81-511, Allen Industries, Incorporated, dated February 28, 1986.	See CD #1, Doc. No. 00002963
11- 401	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 402	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 403	DPRA Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 404	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055

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11- 405	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990. Orpack Stone Corp. was not on this list, so it is assumed that they moved into these buildings after 1990.	See CD #2, Doc. No. 00025055
11- 406	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 407	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 408	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 409	DPRAs Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 410	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 411	ACC 000062. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 412	CRO 000241A. Amendment No. 2 to Building Lease Contract No. 14-16-0003-81-511, Allen Industries, Incorporated, dated February 28, 1986.	See CD #1, Doc. No. 00002963
11- 413	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 414	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 415	DPRAs Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 416	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 417	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990. Orpack Stone Corp. was not on this list, so it is assumed that they moved into these buildings after 1990.	See CD #2, Doc. No. 00025055
11- 418	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 419	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 420	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part II, Section 4, Sheet 16.	See CD #1, Doc. No. 00009321
11- 421	DPRAs Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949, Page 12.	See CD #1, Doc. No. 00009059

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11- 422	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge. Lease Data, Industrial Unit, dated June 1, 1951, Page 15.	See CD #1, Doc. No. 00009039
11- 423	DPRA Document No. 00016071. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, 1965, Page 46.	See CD #2, Doc. No. 00016071
11- 424	FWM 001311. Lease Contract No. 14-16-003-12093 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and United Church Builders Incorporated, dated August 13, 1965, Page 1.	See CD #2, Doc. No. 00025012
11- 425	DPRA Document No. 00009333. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1966, Table No. 1., Page 2.	See CD #1, Doc. No. 00009333
11- 426	ACC 000061. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 427	CRO 000470 – CRO 471. Building Lease Contract No. 14-16-0003-82-531 by and between U. S. Fish and Wildlife Service and Pennzoil Company, dated September 1, 1982, Pages 1-2.	See CD #2, Doc. Nos. 00025146, 00025181
11- 428	CRO 000483. Amendment No. 2 to Building Lease No. 14-16-0003-82-531, Pennzoil Company, dated January 1, 1987.	See CD #2, Doc. No. 00025183
11- 429	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 430	CRO 000181. U.S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Narrative Report, 1968, Page 38.	See CD #2, Doc. No. 00025443
11- 431	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah.	See CD #3, directory called: AERIAL PHOTOS
11- 432	DPRA Document No. 00009176. Special Use Permit No. 20003, dated September 10, 1953.	See CD #1, Doc. No. 00009176
11- 433	DPRA Document No. 00009177. Special Use Permit No. 21653, dated August 17, 1954.	See CD #1, Doc. No. 00009177
11- 434	ACC 000063. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 435	DPRA Document No. 00009176. Special Use Permit No. 20003, dated September 10, 1953.	See CD #1, Doc. No. 00009176
11- 436	DPRA Document No. 00009177. Special Use Permit No. 21653, dated August 17, 1954.	See CD #1, Doc. No. 00009177
11- 437	CONWR Narrative Reports for: September-December, 1955; January-April, 1956; January-April, 1963; and from 1964.	See CD #1, Doc. Nos. 00009339, 00009389 and 00016036; and CD #2, Doc. No. 00022745
11- 438	DPRA Document No. 00009378. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1959, Page 34.	See CD #1, Doc. No. 00009378
11- 439	LOC 000002. Moody's Industrial Manual, 1956, Page 1572.	See CD #2, Doc. No. 00025567

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11- 440	ACC 000063. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 441	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants. Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 442	DPRA Document No. 00008837. Special Use Permit SUP-75-65, dated April 22, 1965.	See CD #1, Doc. No. 00008837
11- 443	DPRA Document No. 00008831. Special Use Permit SUP-6-67, dated September 28, 1966.	See CD #1, Doc. No. 00008831
11- 444	CRO 000545. Lease Contract No. 14-16-0003-12900 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Southern Illinois Paper Company, dated October 18, 1968, Page 1.	See CD #2, Doc. No. 00025254
11- 445	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 446	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 447	DPRA Document No. 00017856. Amendment No. 1 to Lease Contract No. 14-16-0003-13630 and Ram Fiber Glass, Incorporated, dated June 1, 1972.	See CD #2, Doc. No. 00017856
11- 448	DPRA Document No. 00003891. CONWR, Letter to Ram Fiber-Glass, Inc. regarding cancellation notice for nonpayment of rent, dated June 27, 1973; and CRO 000502. Cancellation of Lease Contract No. 14-16-0003-13,630, Ram Fiber Glass, Incorporated, dated June 21, 1973.	See CD #1, Doc. No. 00003891
11- 449	DPRA Document No. 00017860. Aetna Insurance Company, Special Multi-Peril Policy, Policy Number MP 48 58 61, General Schedule - Section H, dated March 24, 1972; and DPRA Document No. 00017862. Aetna Insurance Company, Change Endorsement, dated April 25, 1972.	See CD #2, Doc. No. 00017860
11- 450	DPRA Document No. 00003812. Lease Contract No. 14-16-0003-30,729 by and between U. S. Fish and Wildlife Service and Dolan Machinery, Incorporated, July 17, 1975, Page 1.	See CD #1, Doc. No. 00003812
11- 451	CRO 000354. Cancellation of Lease Contract No. 14-16-0003-30,729, Dolan Machinery, Incorporated, dated August 31, 1975.	See CD #2, Doc. No. 00025114
11- 452	CRO 000143. U.S. Department of the Interior, U.S. Fish and Wildlife Service, Narrative Report, Fiscal Year 1975, Page 23.	See CD #2, Doc. No. 00025428
11- 453	ACC 000057 - ACC 000063. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 454	DOI 007939. Charmglow Industries, Inc., Letter to USDOL in response to a 104e request regarding Turco Manufacturing Company, dated June 15, 1989.	See CD #2, Doc. No. 00020365
11- 455	DOI 001554 - DOI 001555. Building Lease Contract No. 14-16-0003-81-517 by and between U. S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00018822
11- 456	DPRA Document No. 00007524. Building And Igloo Lease Contract No. 14-16-0003-96-579 by and between PRIMEX Technologies, Inc., dated January 1, 1997, Pages 1 and 6.	See CD #1, Doc. No. 00007524

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 457	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 458	DPRA Document No. 00017640. "Environmental Site Closure Assessment" section of Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., amendment effective December 1, 1999, Environmental Site Closure Assessment dated December 3, 1993.	See CD #2, Doc. No. 00017640
11- 459	ACC 000063. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 460	ACC 000063. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 461	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 462	ACC 000063. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 463	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 464	DOI 001491. Lease Contract No. 14-16-0003-13733 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Olin Corporation Energy Systems Division, dated May 1, 1972, Page 1.	See CD #2, Doc. No. 00018798
11- 465	DPRA Document No. 00007577. Amendment No. 8 to Building Lease Contract No. 14-16-0003-81-517, Olin Corporation, dated January 1, 1997.	See CD #1, Doc. No. 00007577
11- 466	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 467	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 468	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 469	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 470	ACO 002327. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
11- 471	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 472	DOI 007939. Charmglow Industries, Inc., Letter to USDO I in response to a 104e request regarding Turco Manufacturing Company, dated June 15, 1989.	See CD #2, Doc. No. 00020365
11- 473	DO000571 – DOI 000572. Building Lease Contract No. 14-16-0003-82-534 by and between U. S. Fish and Wildlife Service and Diagraph Bradley Industries, Inc., dated April 1, 1982, Pages 1-2.	See CD #2, Doc. No. 00018243

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 474	DOI 000600. Amendment No. 5 to Building Lease Contract No. 14-16-0003-82-534. Diagraph Bradley Industries, Incorporated, dated October 1, 1985.	See CD #2, Doc. No. 00018254
11- 475	DPRA Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 476	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 477	DPRA Document No. 00017640. Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective December 1, 1999, Pages 1 and 3.	See CD #2, Doc. No. 00017640
11- 478	DPRA Document No. 00017640. "Environmental Site Closure Assessment" section of Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., amendment effective December 1, 1999, Environmental Site Closure Assessment dated December 3, 1993.	See CD #2, Doc. No. 00017640
11- 479	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 480	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 481	DPRA Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949, Page 1.	See CD #1, Doc. No. 00009059
11- 482	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 483	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 484	DPRA Document No. 00008844. Special Use Permit No. SUP-12-66, dated September 15, 1965.	See CD #1, Doc. No. 00008844
11- 485	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 486	DOI 001491. Lease Contract No. 14-16-0003-13733 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Olin Corporation Energy Systems Division, dated May 1, 1972, Page 1.	See CD #2, Doc. No. 00018798
11- 487	DOI 001504. Amendment No. 1 to Lease Contract No. 14-16-0003-13733, Olin Corporation Energy Systems Division, dated September 30, 1973.	See CD #2, Doc. No. 00018800
11- 488	CRO 001516. Special Use Permit No. SUP-44-70, dated March 13, 1970.	See CD #2, Doc. No. 00025351
11- 489	CRO 000413. Lease Contract No. 14-16-0003-13,436 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Helical Bit Company, Incorporated, dated September 26, 1973.	See CD #2, Doc. No. 00025144
11- 490	CRO 000507 – CRO 000508. Building Lease Contract No. 14-16-0003-81-523 by and between U. S. Fish and Wildlife Service and R.A. Wilkie Machine & Plating Company, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00025214

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 491	CRO 000413. Lease Contract No. 14-16-0003-13,436 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Helical Bit Company, Incorporated, dated September 26, 1973.	See CD #2. Doc. No. 00025144
11- 492	DPR A Document No. 00012791. Little Egypt Grain Company, Letter to the USFWS regarding additional buildings that they would like to lease in Area 7, dated April 20, 1987.	See CD #1, Doc. No. 00012791
11- 493	DPR A Document No. 00006002. USFWS Incident Report dated April 22, 1988, regarding fire at Buildings IN-5-2, IN-5-3 and Annex in between these two buildings.	See CD #1, Doc. No. 00006002
11- 494	Deposition of Charles Funk, April 9, 1998, Pages 15-19.	See CD #1, Doc. No. 00004122
11- 495	In an earlier interview Funk reported that the Olin's metal fabrication in Area 7 was located in "warehouses 1-2 and 1-3;" however, as discussed above, it is likely that these activities took place in Buildings IN-5-2 and IN-5-3. Note that other tenants occupied Building IN-1-2 during the time Funk says Olin used it; there were no recorded tenants for IN-1-3 during that time. Reference: Charles Funk, personal interview, September 29, 1997	See CD #3, Doc. FUNK, C
11- 496	Herb Baines, personal interview, September 29, 1997.	See CD #3, Doc. BAINES,H
11- 497	Rudy Okolski, personal interview, June 30, 1999.	See CD #3, Doc. OKOLSKI,R
11- 498	Deposition of Frank Wilkie, October 14, 1999, Page 52.	See CD #1, Doc. No. 384098
11- 499	Deposition of Frank Wilkie, October 14, 1999, Page 52.	See CD #1, Doc. No. 384098
11- 500	Deposition of Frank Wilkie, October 14, 1999, Pages 52-54.	See CD #1, Doc. No. 384098
11- 501	Deposition of Frank Wilkie, October 14, 1999, Pages 52-53.	See CD #1, Doc. No. 384098
11- 502	Deposition of Charles Funk, April 9, 1998, Pages 15-19.	See CD #1, Doc. No. 00004122
11- 503	Deposition of Frank Wilkie, October 14, 1999, Pages 114-115.	See CD #1, Doc. No. 384098
11- 504	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R
11- 505	Deposition of Charles Funk, April 9, 1998, Pages 15-19.	See CD #1, Doc. No. 00004122
11- 506	Deposition of Frank Wilkie, October 14, 1999, Page 115.	See CD #1, Doc. No. 384098
11- 507	Deposition of Frank Wilkie, October 14, 1999, Page 116.	See CD #1, Doc. No. 384098
11- 508	Deposition of Frank Wilkie, October 14, 1999, Page 97.	See CD #1, Doc. No. 384098
11- 509	Deposition of Charles Funk, April 9, 1998, Pages 15-19.	See CD #1, Doc. No. 00004122
11- 510	Deposition of Charles Funk, April 9, 1998, Pages 15-18.	See CD #1, Doc. No. 00004122
11- 511	Roy Taylor, personal interview, September 25, 1997.	See CD #3, Doc. TAYLOR,R

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 512	PRI-00167/DPRA Document No. 00013788. EPA Form 7500-1, Plant Process and Discharge Description from Olin for cold extrusion of ordnance projectiles, dated November 15, 1971.	See CD #1, Doc. No. 00013788
11- 513	PRI-00423/DPRA Document No. 00013882. USEPA, Letter to USFWS regarding acceptance of wastewater treatment system in Area 7, dated December 16, 1971.	See CD #1, Doc. No. 00013882
11- 514	DPRA Document No. 00007440. Telephone Record from regarding wastewater treatment in Area 7, dated October 26, 1971.	See CD #1, Doc. No. 00007440
11- 515	1965 and 1971 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah.	See CD #3, directory called: AERIAL PHOTOS
11- 516	CRO 000685/DPRA Document No. 00024765. U.S. Department of the Interior, Fish & Wildlife Service, Management Plan Prints, Index, Page 9, date unknown.	See CD #2, Doc. No. 00024765
11- 517	CRO 000413. Lease Contract No. 14-16-0003-13,436 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Helical Bit Company, Incorporated, dated September 26, 1973.	See CD #2, Doc. No. 00025144
11- 518	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R
11- 519	Frank Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,F
11- 520	CRO 000413. Lease Contract No. 14-16-0003-13,436 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Helical Bit Company, Incorporated, dated September 26, 1973.	See CD #2, Doc. No. 00025144
11- 521	CRO 000507 - CRO 000508. Building Lease Contract No. 14-16-0003-81-523 by and between U. S. Fish and Wildlife Service and R.A. Wilkie Machine & Plating Company, dated October 1, 1980, Page1 and Page 1 of 1A.	See CD #2, Doc. No. 00025214
11- 522	CRO 000413. Lease Contract No. 14-16-0003-13,436 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Helical Bit Company, Incorporated, dated September 26, 1973.	See CD #2, Doc. No. 00025144
11- 523	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R
11- 524	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R
11- 525	Deposition of Robert Andrew Wilkie, October 15, 1999, Page 80.	See CD #1, Doc. No. 384093
11- 526	PRI-019807-PRI-019808. This document is an Olin Shipping Request for 67 pigs of lead for use in leading end caps. 67 pigs would be approximately 4,060 pounds.	See CD #3, Doc. SHIPREQ
11- 527	Deposition of Robert Andrew Wilkie, October 15, 1999, Page 88.	See CD #1, Doc. No. 384093
11- 528	Deposition of Robert Andrew Wilkie, October 15, 1999, Page 91.	See CD #1, Doc. No. 384093
11- 529	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R
11- 530	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R

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11- 531	Frank Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,F
11- 532	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R
11- 533	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R
11- 534	Frank Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,F
11- 535	Deposition of Frank Wilkie, October 14, 1999, Page 131.	See CD #1, Doc. No. 384098
11- 536	Frank Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,F
11- 537	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 6, Sheet 3.	See CD #1, Doc. No. 00009321
11- 538	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R
11- 539	Robert Andrew Wilkie, personal interview, July 28, 1999.	See CD #3, Doc. WILKIE,R
11- 540	DPRA Document No. 00006669. Olin, Letter USFWS regarding ammo cans that were destroyed in Area 7 warehouse fire, dated November 9, 1988.	See CD #1, Doc. No. 00006669
11- 541	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 542	DPRA Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949, Page 1.	See CD #1, Doc. No. 00009059
11- 543	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, dated June 1, 1951, Page 1.	See CD #1, Doc. No. 00009039
11- 544	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 545	DPRA Document Nos. 00008821, 00008823, 00008844, 00008831, 00008848, 00008856, and 00008891. Special Use Permit numbers SUP-14-64, SUP-15-65, SUP-12-66, SUP-6-67, SUP-10-68, SUP-10-69, and Cancellation of Special Use Permit No. 10-69, Commercial Solvents Corporation.	See CD #1, Doc. Nos. 00008821, 00008823, 00008844, 00008831, 00008848, 00008856, 00008891
11- 546	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 547	DOI 001491. Lease Contract No. 14-16-0003-13733 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Olin Corporation Energy Systems Division, dated May 1, 1972, Page 1.	See CD #2, Doc. No. 00018798
11- 548	DOI 001504. Amendment No. 1 to Lease Contract No. 14-16-0003-13733, Olin Corporation Energy Systems Division, dated September 30, 1973.	See CD #2, Doc. No. 00018800
11- 549	CRO 000413. Lease Contract No. 14-16-0003-13,436 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Helical Bit Company, Incorporated, dated September 26, 1973.	See CD #2, Doc. No. 00025144

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11- 550	CRO 000507 – CRO 000508. Building Lease Contract No. 14-16-0003-81-523 by and between U. S. Fish and Wildlife Service and R.A. Wilkie Machine & Plating Company, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00025214
11- 551	CRO 000413. Lease Contract No. 14-16-0003-13,436 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Helical Bit Company, Incorporated, dated September 26, 1973.	See CD #2, Doc. No. 00025144
11- 552	DPRA Document No. 00012791. Little Egypt Grain Company, Letter to the USFWS regarding additional buildings that they would like to lease in Area 7, dated April 20, 1987.	See CD #1, Doc. No. 00012791
11- 553	DPRA Document No. 00006002. USFWS Incident Report dated April 22, 1988, regarding fire at Buildings IN-5-2, IN-5-3 and Annex in between these two buildings.	See CD #1, Doc. No. 00006002
11- 554	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 555	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 556	FWM 001002. Building Lease Contract No. 14-16-0003-81-516 by and between U. S. Fish and Wildlife Service and Magic Chef, Inc. – Norge Division, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00024981
11- 557	Original IOP Plan No.6544-101.11, dated February 28, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-11
11- 558	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 559	DPRA Document No. 00027094. Special Use Permit No. SUP-108-70, dated Nov. 17, 1970.	See CD #2, Doc. No. 00027094
11- 560	CRO 000516. Lease Contract No. 14-16-0003-13315 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Rend Lake Beverages, Inc., dated January 15, 1971, Page 1.	See CD #2, Doc. No. 00025229
11- 561	CRO 000520. Cancellation of Lease Contract No. 14-16-0003-13,315, Rend Lake Beverages, Inc., dated December 4, 1975.	See CD #2, Doc. No. 00025232
11- 562	DPRA Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, dated August 1, 1986, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 563	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 564	DPRA Document No. 00017640. Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective December 1, 1999, Pages 1 and 3.	See CD #2, Doc. No. 00017640

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 565	DPRAs Document No. 00017640. "Environmental Site Closure Assessment" section of Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., amendment effective December 1, 1999. Environmental Site Closure Assessment dated December 3, 1993.	See CD #2, Doc. No. 00017640
11- 566	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 567	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 568	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 569	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 570	DPRAs Document No. 00027032. Special Use Permit No. SUP-09-74, dated September 11, 1973.	See CD #2, Doc. No. 00027032
11- 571	DPRAs Document No. 00027046. Special Use Permit No. SUP-76-78, dated August 23, 1978.	See CD #2, Doc. No. 00027046
11- 572	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 573	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 574	DOI 007939. Chamglow Industries, Inc., Letter to USDOl in response to a 104e request regarding Turco Manufacturing Company, dated June 15, 1989.	See CD #2, Doc. No. 00020365
11- 575	FWM 000878. Amendment No. 1 to Building Lease Contract No. 14-16-0003-82-533, Castel Properties, Ltd, dated May 16, 1982.	See CD #2, Doc. No. 00024939
11- 576	FWM 000880. Amendment No. 4 to Building Lease Contract No. 14-16-0003-82-533, Castel Properties, Ltd, dated January 1, 1987.	See CD #2, Doc. No. 00024941
11- 577	DPRAs Document No. 00012791. Little Egypt Grain Company, Letter to the USFWS regarding additional buildings that they would like to lease in Area 7, dated April 20, 1987.	See CD #1, Doc. No. 00012791
11- 578	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 579	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah.	See CD #3, directory called: AERIAL PHOTOS
11- 580	DPRAs Document No. 00006432. CONWR, List identifying areas, company Names, Lease/Permit, and Expiration Date for Businesses located at Crab Orchard National Wildlife Refuge.	See CD #1, Doc. No. 00006432
11- 581	DPRAs Document No. 00013537. CONWR, 1975, List of lessee building numbers, names, and telephone numbers.	See CD #1, Doc. No. 00013537

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 582	DPRA Document No. 00006432. CONWR, List identifying areas, company Names, Lease/Permit, and Expiration Date for Businesses located at Crab Orchard National Wildlife Refuge.	See CD #1, Doc. No. 00006432
11- 583	DPRA Document No. 00006449. CONWR, Annual Cost CY 1975, Fire Control-200 and Water Plant -300-1, dated April 20, 1976.	See CD #1, Doc. No. 00006449
11- 584	ACC 000057 - ACC 000065. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 585	DOI 007939. Charmglow Industries, Inc., Letter to USDOl in response to a 104e request regarding Turco Manufacturing Company, dated June 15, 1989.	See CD #2, Doc. No. 00020365
11- 586	ACC 000064. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 587	CRO 000111. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 588	DPRA Document No. 00027032. Special Use Permit No. SUP-09-74, dated September 11, 1973.	See CD #2, Doc. No. 00027032
11- 589	DPRA Document No. 00027046. Special Use Permit No. SUP-76-78, dated August 23, 1978.	See CD #2, Doc. No. 00027046
11- 590	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 591	FWM 000875 - FWM 000876. Building Lease Contract No. 14-16-0003-82-533 by and between U. S. Fish and Wildlife Service and Castel Properties, Ltd, dated April 1, 1982, Pages 1-2.	See CD #2, Doc. No. 00024938
11- 592	FWM 000879. Amendment No. 2 to Building Lease Contract No. 14-16-0003-82-533, Castel Properties, Ltd., dated February 1, 1984.	See CD #2, Doc. No. 00024940
11- 593	FWM 000878. Amendment No. 1 to Building Lease Contract No. 14-16-0003-82-533, Castel Properties, Ltd, dated May 16, 1982.	See CD #2, Doc. No. 00024939
11- 594	FWM 000880. Amendment No. 4 to Building Lease Contract No. 14-16-0003-82-533, Castel Properties, Ltd, dated January 1, 1987.	See CD #2, Doc. No. 00024941
11- 595	DPRA Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, dated August 1, 1986, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 596	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 597	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 598	DPRA Document No. 00006432. CONWR, List identifying areas, company Names, Lease/Permit, and Expiration Date for Businesses located at Crab Orchard National Wildlife Refuge.	See CD #1, Doc. No. 00006432

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 599	DPRA Document No. 00008035. Special Use Permit No. 49-596, dated April 27, 1949.	See CD #1, Doc. No. 00008035
11- 600	DPRA Document No. 00008020. Crab Orchard Field Trial Club, Letter to Fish and Wildlife Service requesting a their Special Use Permit be renewed for a ten year period, dated August 25, 1959.	See CD #1, Doc. No. 00008020
11- 601	DPRA Document No. 00008090. Special Use Permit No. 30739, dated September 11, 1959.	See CD #1, Doc. No. 00008090
11- 602	DPRA Document No. 00006449. CONWR, Annual Cost CY 1975, Fire Control-200 and Water Plant -300-1, dated April 20, 1976.	See CD #1, Doc. No. 00006449
11- 603	DPRA Document No. 00016055. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, May through August, 1963, Page 27.	See CD #1, Doc. No. 00016055
11- 604	DPRA Document No. 00025362. Special Use Permit, dated May 16, 1972.	See CD #2, Doc. No. 00025362
11- 605	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 606	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 607	CRO 001572A. Herrin Daily Journal, Newspaper article about Hercules Powder Company, dated February 16, 1949.	See CD #2, Doc. No. 00025466
11- 608	ACC 000065. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 609	ACO 002327. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 17.	See CD #2, Doc. No. 00025725
11- 610	DPRA Document No. 00027245. Special Use Permit, dated April 13, 1970.	See CD #2, Doc. No. 00027245
11- 611	DPRA Document No. 00027284. Special Use Permit, dated May 1, 1973.	See CD #2, Doc. No. 00027284
11- 612	ACC 000065. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 613	DPRA Document No. 00027026. Amendment No. 1 - Special Use Permit No. SUP-05-76, Crab Orchard NWR, dated January 20, 1976.	See CD #2, Doc. No. 00027026
11- 614	ACC 000065. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 615	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 616	DOI 000571 - DOI 000572. Building Lease Contract No. 14-16-0003-82-534 by and between U. S. Fish and Wildlife Service and Diagraph Bradley Industries, Inc., dated April 1, 1982, Pages 1-2.	See CD #2, Doc. No. 00018243
11- 617	DOI 000597. Amendment No. 3 to Building Lease Contract No. 14-16-0003-82-534, Diagraph Bradley Industries, Incorporated, dated May 1, 1985.	See CD #2, Doc. No. 00018251

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 618	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 619	DPRA Document No. 00007347. USFWS, Letter to Olin Corporation regarding PCB sampling in Buildings IN-6-1 and IN-6-2, dated June 22, 1992.	See CD #1, Doc. No. 00007347
11- 620	DPRA Document No. 00007350. USFWS, Memorandum to the file regarding PCB testing in refuge buildings, dated June 22, 1992.	See CD #1, Doc. No. 00007350
11- 621	DPRA document 00007323. Test report from Industrial Testing Laboratory, Inc.	See CD #1, Doc. No. 00007323
11- 622	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
11- 623	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
11- 624	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, June 1, 1951, Page 15.	See CD #1, Doc. No. 00009039
11- 625	ACC 000065. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 626	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 48.	See CD #1, Doc. No. 00009345
11- 627	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 628	DPRA Document No. 00006937. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 16.	See CD #1, Doc. No. 00006937
11- 629	DPRA Document No. 00009411. United States Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1957, Table XI.	See CD #1, Doc. No. 00009411
11- 630	DPRA Document No. 00006937. United States Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Page 16.	See CD #1, Doc. No. 00006937
11- 631	ACC 000065. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 632	CRO 001515. Special Use Permit No. SUP-93-70, dated September 10, 1970.	See CD #2, Doc. No. 00025350
11- 633	DOI 001491. Lease Contract No. 14-16-0003-13733 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Olin Corporation Energy Systems Division, dated May 1, 1972, Page 1.	See CD #2, Doc. No. 00018798
11- 634	DOI 001506. Amendment No. 2 to Lease Contract No. 14-16-0003-13733, Olin Corporation Energy Systems Division, dated July 1, 1976.	See CD #2, Doc. No. 00018802

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 635	CRO-000506 through CRO-000511 – USFWS Lease information for R.A. Wilkie Machine and Plating Company.	See CD #2, Doc. No. 00025214
11- 636	CRO-000412 through CRO-000416 – USFWS Lease information for Helical Bit Company, Incorporated.	See CD #2, Doc. No. 00025144
11- 637	ACC 000065. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 638	Deposition of Frank Wilkie, October 14, 1999, Page 129.	See CD #1, Doc. No. 384098
11- 639	DPRA Document No. 00006035. Building Lease Contract No. 14-16-0003-86-555 by and between U. S. Fish and Wildlife Service and Little Egypt Grain Company, dated August 1, 1986, Pages 1-2.	See CD #1, Doc. No. 00006035
11- 640	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990.	See CD #2, Doc. No. 00025055
11- 641	CRO 000231. CONWR, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, October, 1990. Orpack Stone Corp. was not on this list, so it is assumed that they moved into these buildings after 1990.	See CD #2, Doc. No. 00025055
11- 642	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 643	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 644	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5. Page 5; and, aerial photograph interpretation, photographs of Area 7 dated 1951, 1960, 1965, 1971, 1980, and 1993 from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah and from the National Archives and Records Administration, College Park, Maryland.	See CD #1, Doc. No. 00009321
11- 645	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, June 1, 1951, Page 12.	See CD #1, Doc. No. 00009039
11- 646	DPRA Document No. 00017763. Amendment No. 2 to Lease Contract No. 14-16-0003-6238, Southern Illinois Woodworking Company, dated July 27, 1965. (Document includes original Lease and Amendment No. 1)	See CD #2, Doc. No. 00017763
11- 647	CRO 000585. Cancellation of Lease No. 14-16-0003-6238, dated January 31, 1966.	See CD #2, Doc. No. 00025314
11- 648	DPRA Document No. 00017763. Amendment No. 2 to Lease Contract No. 14-16-0003-6238, Southern Illinois Woodworking Company, dated July 27, 1965. (Document includes original Lease and Amendment No. 1)	See CD #2, Doc. No. 00017763
11- 649	DPRA Document No. 00017856. Amendment No. 1 to Lease Contract No. 14-16-0003-13630 and Ram Fiber Glass, Incorporated, dated June 1, 1972.	See CD #2, Doc. No. 00017856

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 650	DPRA Document No. 00003891. CONWR. Letter to Ram Fiber-Glass, Inc. regarding cancellation notice for nonpayment of rent, dated June 27, 1973; and CRO 000502. Cancellation of Lease Contract No. 14-16-0003-13,630, Ram Fiber Glass, Incorporated, dated June 21, 1973.	See CD #1, Doc. No. 00003891
11- 651	Original IOP Plan No.6544-101.11, dated February 28, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-11
11- 652	DPRA Document No. 00013537. CONWR, 1975, List of lessee building numbers, names, and telephone numbers.	See CD #1, Doc. No. 00013537
11- 653	1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah.	See CD #3, directory called: AERIAL PHOTOS
11- 654	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, June 1, 1951, Page 12.	See CD #1, Doc. No. 00009039
11- 655	ACC 000065. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 656	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 657	DPRA Document No. 00017763. Amendment No. 1 to Lease Contract No. 14-16-0003-6238, Southern Illinois Woodworking Company, dated August 27, 1964. (Document includes original Lease and Amendment No. 2)	See CD #2, Doc. No. 00017763
11- 658	CRO 000585. Cancellation of Lease No. 14-16-0003-6238, dated January 31, 1966.	See CD #2, Doc. No. 00025314
11- 659	CRO 000093. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1966, Page 49.	See CD #2, Doc. No. 00025417
11- 660	DPRA Document No. 00018058. Lease Contract No. 14-16-0003-12330 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Egyptian Woodcrafts Incorporated, dated June 24, 1966, Page 1.	See CD #2, Doc. No. 00018058
11- 661	CRO 000621. Lease Contract No. 14-16-0003-12497 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Vern, Incorporated, dated April 1, 1967, Page 1.	See CD #2, Doc. No. 00025379
11- 662	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 663	CRO 000300. Lease Contract No. 14-16-0003-13,949 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and B & J Distributing Company, July 1973, Page 1.	See CD #2, Doc. No. 00025061
11- 664	Former employees of Technical Tape Corporation formed National Tape Corporation. Source: CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 665	FWM 001042. Lease Contract No. 14-16-0003- illegible by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and National Tape Corporation, dated April 30, 1968, Page 1.	See CD #2, Doc. No. 00024995
11- 666	National Tape Corporation went bankrupt late in 1971 so they are assumed to have left these buildings in 1971, not in 1973 as the lease information states. Sources: CRO 000131. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Page 63; and CRO 000550. USFWS, Memorandum to Field Solicitor in Twin Cities, Minnesota regarding the cancellation of two lease contracts, dated February 1, 1972.	See CD #2, Doc. Nos. 00025424, 00025271
11- 667	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 668	DPRA Document No. 00017847. Lease Contract No. 14-16-0003-13,630 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Ram Fiber Glass, Incorporated, February 17, 1972, Page 1.	See CD #2, Doc. No. 00017847
11- 669	DPRA Document No. 00003891. CONWR, Letter to Ram Fiber-Glass, Inc. regarding cancellation notice for nonpayment of rent, dated June 27, 1973; and CRO 000502. Cancellation of Lease Contract No. 14-16-0003-13,630, Ram Fiber Glass, Incorporated, dated June 21, 1973.	See CD #1, Doc. No. 00003891
11- 670	DPRA Document No. 00017860. Aetna Insurance Company, Special Multi-Peril Policy, Policy Number MP 48 58 61, General Schedule – Section H, dated March 24, 1972; and DPRA Document No. 00017862. Aetna Insurance Company, Change Endorsement, dated April 25, 1972.	See CD #2, Doc. No. 00017860
11- 671	CRO 001340. Lease Contract No. 14-16-0003- illegible by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Martell Truck Body and Boat Manufacturing, December 9, 1975, Page 1.	See CD #2, Doc. No. 00025027
11- 672	ACC 000065. Listing of Area 7 leasing information as obtained from leases.	See CD #1, Doc. No. 00007394
11- 673	ACO 002105. CONWR, Industrial Committee Report, Table of Industrial Tenants, Crab Orchard National Wildlife Refuge, August 1978 (Appendix J).	See CD #2, Doc. No. 00022352
11- 674	FWM 000875 – FWM 000876. Building Lease Contract No. 14-16-0003-82-533 by and between U. S. Fish and Wildlife Service and Castel Properties, Ltd., dated April 1, 1982, Pages 1-2.	See CD #2, Doc. No. 00024938
11- 675	DPRA Document No. 00016084. U. S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Crab Orchard National Wildlife Refuge, Cartersville, Illinois, Annual Narrative Report, Calendar Year 1992, Page 57. Castel Properties lease was terminated due to non-payment, failure to provide copy of required insurance and failure to maintain buildings property.	See CD #2, Doc. No. 00016084
11- 676	FWM 000876. Building Lease Contract No. 14-16-0003-82-533 by and between U. S. Fish and Wildlife Service and Castel Properties, Ltd., dated April 1, 1982, Page 2	See CD #2, Doc. No. 00024938

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 677	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and Primex Technologies, Inc., January 1, 1997, Pages 1 and 6.	See CD #1, Doc. No. 00007524
11- 678	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
11- 679	DPRA Document No. 00017640. "Environmental Site Closure Assessment" section of Amendment No. 9 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., amendment effective December 1, 1999, Environmental Site Closure Assessment dated December 3, 1993.	See CD #2, Doc. No. 00017640
11- 680	FWM 001042. Lease Contract No. 14-16-0003- illegible by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and National-Tape Corporation, dated April 30, 1968, Page 1.	See CD #2, Doc. No. 00024995
11- 681	CRO 000131. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Page 63.	See CD #2, Doc. No. 00025424
11- 682	CRO 000550. USFWS, Memorandum to Field Solicitor in Twin Cities, Minnesota regarding the cancellation of two lease contracts, dated February 1, 1972.	See CD #2, Doc. No. 00025271
11- 683	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 684	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 685	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, June 1, 1951, Page 12.	See CD #1, Doc. No. 00009039
11- 686	DPRA Document No. 00017763. Amendment No. 1 to Lease Contact No. 14-16-0003-6238, Southern Illinois Woodworking Company, dated August 27, 1964. (Document includes original Lease and Amendment No. 2)	See CD #2, Doc. No. 00017763
11- 687	CRO 000585. Cancellation of Lease No. 14-16-0003-6238, dated January 31, 1966.	See CD #2, Doc. No. 00025314
11- 688	CRO 000621. Lease Contract No. 14-16-0003-12497 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Vern, Incorporated, dated April 1, 1967, Page 1.	See CD #2, Doc. No. 00025379
11- 689	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 690	CRO 000300. Lease Contract No. 14-16-0003-13,949 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and B & J Distributing Company, July 1973, Page 1.	See CD #2, Doc. No. 00025061

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 691	Former employees of Technical Tape Corporation formed National Tape Corporation. Source: CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 692	FWM 001042. Lease Contract No. 14-16-0003- illegible by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and National Tape Corporation, dated April 30, 1968, Page 1.	See CD #2, Doc. No. 00024995
11- 693	National Tape Corporation went bankrupt late in 1971 so they are assumed to have left these buildings in 1971, not in 1973 as the lease information states. Sources: CRO 000131. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1971, Page 63; and CRO 000550. USFWS, Memorandum to Field Solicitor in Twin Cities, Minnesota regarding the cancellation of two lease contracts, dated February 1, 1972.	See CD #2, Doc. Nos. 00025424, 00025271
11- 694	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 59.	See CD #2, Doc. No. 00025420
11- 695	CRO 001519. Special Use Permit No. SUP-32-72, dated January 17, 1972.	See CD #2, Doc. No. 00025355
11- 696	Original IOP Plan No.6544-101.11, dated February 28, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-11
11- 697	DPRA Document No. 00013537. CONWR, 1975, List of lessee building numbers, names, and telephone numbers.	See CD #1, Doc. No. 00013537
11- 698	DPRA Document No. 00006432. CONWR, List identifying areas, company Names, Lease/Permit, and Expiration Date for Businesses located at Crab Orchard National Wildlife Refuge.	See CD #1, Doc. No. 00006432
11- 699	DPRA Document No. 00008035. Special Use Permit No. 49-596, dated April 27, 1949.	See CD #1, Doc. No. 00008035
11- 700	DPRA Document No. 00008020. Crab Orchard Field Trial Club, Letter to Fish and Wildlife Service requesting a their Special Use Permit be renewed for a ten year period, dated August 25, 1959.	See CD #1, Doc. No. 00008020
11- 701	DPRA Document No. 00008090. Special Use Permit No. 30739, dated September 11, 1959.	See CD #1, Doc. No. 00008090
11- 702	DPRA Document No. 00007982. Amendment to Special Use Permit No. 49-610, dated April 24, 1953.	See CD #1, Doc. No. 00007982
11- 703	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 7, Page 1.	See CD #1, Doc. No. 00009322
11- 704	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland. (same photograph as used by Entech).	See CD #3, directory called: AERIAL PHOTOS
11- 705	ACO 005047 - ACO 005109. Office of Field Director of Ammunition Plants, Shut-Down and Decontamination Procedures for F.D.A.P. Facilities.	See CD #2, Doc. No. 00026036

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 706	ACO 004979 – ACO 004980. CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00026036
11- 707	Entech, Inc., August 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume I: Text, Page 3-56. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECHV1
11- 708	Entech, Inc., August 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume II: Text, Page EE.	See CD #3, Doc. ENTECHV2
11- 709	Entech, Inc., August 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume I: Text, Page 3-56. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECHV1
11- 710	Entech, Inc., August 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume II: Text, Page EE.	See CD #3, Doc. ENTECHV2
11- 711	Entech, Inc., August 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume I: Text, Page 3-56. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECHV1
11- 712	Entech, Inc., August 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume II: Text, Page EE.	See CD #3, Doc. ENTECHV2
11- 713	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
11- 714	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
11- 715	See Table 2-6 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6
11- 716	See Table 2-6 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6
11- 717	Duplicate sample.	This footnote either provides additional information or further clarifies the text; no document is referenced.
11- 718	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #1, Doc. No. 00000797
11- 719	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Pages 5-12 and 5-13.	See CD #1, Doc. No. 00000797
11- 720	Woodward-Clyde Consultants, 1996, Remedial Investigation Report—Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Pages 5-47 and Figure 5-9.	See CD #1, Doc. No. 00000797
11- 721	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
11- 722	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft; acceptable for locating site features such as disposal cells.	This footnote either provides additional information or further clarifies the text; no document is referenced.
11- 723	O'Brien & Gere. 1988. Remedial Investigation Report – Crab Orchard National Wildlife Refuge, Volume I, Final Report, Figure 34-4.	See CD #2, Doc. No. 00022621
11- 724	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
11- 725	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
11- 726	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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11- 727	Efroymson, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymson, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
11- 728	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
11- 729	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
11- 730	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
12- 1	U. S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 9 (Plan No. 6544-101.15).	See CD #1, Doc. No. 00009321
12- 2	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Pages B-1 – B-5.	See CD #3, Doc. TROUTMAN,K
12- 3	NAR 000245. IOP, Illinois Ordnance Plant, Historical Record, April 1st, 1943 to August 17th, 1943, Exhibit #9.	See CD #2, Doc. No. 00023030
12- 4	ACO-5047 through ACO-5109 – Office of Field Director of Ammunition Plants, "Shut-Down and Decontamination Procedures for F.D.A.P. Facilities."	See CD #2, Doc. No. 00023036
12- 5	ACO-4979 through ACO-4980 – CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00023036
12- 6	DPRA Document No. 00010780. US Army Toxic and Hazardous Materials Agency, 1980, Archive Search Report for the Former (Crab Orchard) Illinois Ordnance Plant, Marion Illinois, Report No. A008, Page 4.	See CD #1, Doc. No. 00010780
12- 7	ACO 000128. Interview with Mr. Virgil Hollis as found in Appendix H, Page H-7, of an unknown report.	See CD #2, Doc. No. 00024547
12- 8	DPRA Document No. 00003319. Special Use Permit No. 33149, dated December 24, 1959.	See CD #1, Doc. No. 00003319
12- 9	DOI 001399 – DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 10	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 11	CRO 000492. Lease Contract No. 14-16-0003-12512 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Petrof Trading Company, Inc., dated December 7, 1965, Page 1.	See CD #2, Doc. No. 00025189
12- 12	DPRA Document No. 00017899. Cancellation of Lease, Contract No. 14-16-0003-12152, Petrof Trading Company, Inc., effective December 31, 1968.	See CD #2, Doc. No. 00017899
12- 13	DPRA Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 14	The reference indicates "F&H" smokeless powder; this was probably an oral transcription of "FNH."	This footnote either provides additional information or further clarifies the text; no document is referenced.
12- 15	DPRA Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 16	DPRA Document No. 00017873. USFWS, Letter to Mr. Julius Petrofsky regarding a safety inspection report made of Petrof's buildings at the Refuge, dated October 22, 1968.	See CD #2, Doc. No. 00017873
12- 17	CRO 000110. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968, Page 58.	See CD #2, Doc. No. 00025420

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12- 18	DPRAs Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central Technology, Incorporated, dated May 16, 1969, Pages 1-2.	See CD #2, Doc. No. 00017740
12- 19	DPRAs Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 20	CRO 000119. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1969, Table No. 1.	See CD #2, Doc. No. 00025421
12- 21	CRO 000124. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1970, Page 44.	See CD #2, Doc. No. 00025423
12- 22	CRO 000124. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1970, Page 44.	See CD #2, Doc. No. 00025423
12- 23	DPRAs Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 24	DPRAs Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 25	CRO 001170. Lease Contract No. 14-16-0003-13,947 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and American Fiber-Glass, Incorporated, dated March 15, 1973, Page 1.	See CD #2, Doc. No. 00024843
12- 26	CRO 001175. Amendment No. 1 to Lease Contract No. 14-16-0003-13947, American Fiber-Lite, Incorporated formerly American Fiber-Glass, Incorporated, dated January 28, 1974.	See CD #2, Doc. No. 00025938
12- 27	CRO 001180. Amendment No. 5 to Lease Contract No. 14-16-0003-13947, American Fiber-Lite, Inc., dated September 30, 1980.	See CD #2, Doc. No. 00025943
12- 28	CRO 000439. U.S. Government Memorandum, dated April 6, 1982.	See CD #2, Doc. No. 00025163
12- 29	DOI 000089. American Fiber-Lite, Inc, Response to Request for Information Regarding CONWR Site, Williamson County, IL., Page 1.	See CD #2, Doc. No. 00017941
12- 30	Carl Randall, personal interview, June 16, 1999.	See CD #3, Doc. RANDALL,C
12- 31	Barbara Kerley, personal interview, June 30, 1999.	See CD #3, Doc. KERLEY,B
12- 32	CRO 000159 – CRO 000160. U. S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge system, Crab Orchard National Wildlife Refuge, Carterville, Illinois, Annual Narrative Report, Calendar Year 1981, Pages 26-28.	See CD #2, Doc. No. 00025437
12- 33	U.S. Government Memorandum, dated April 6, 1982, regarding Insurance Proceeds from Crab Orchard Industrial Fire. Crab Orchard Database # 00025163.	See CD #2, Doc. No. 00025163
12- 34	CRO 000170. Department of the Interior, Fish and Wildlife Service, National Wildlife System, Crab Orchard National Wildlife Refuge, Carterville, Illinois, Annual Narrative Report, Calendar Year 1983, Page 26.	See CD #2, Doc. No. 00025440

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12- 35	Current conditions of the Area 8 buildings were observed during the site reconnaissance on March 17-22, 1999.	This footnote either provides additional information or further clarifies the text; no document is referenced.
12- 36	U.S. DOI contracts	See CD #2, Doc. Nos.85-037, 057-058, and 82-074; and CD #3, Doc. FIBERLIT
12- 37	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 9.	See CD #1, Doc. No. 00009321
12- 38	DOI 001399 – DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 39	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 40	DPRA Document No. 00006461. Special Areas Log showing tenant, building number, square ft, rental rate and building condition, Page 1.	See CD #1, Doc. No. 00006461
12- 41	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 8.	See CD #1, Doc. No. 00009321
12- 42	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-2.	See CD #3, Doc. TROUTMAN,K
12- 43	NAR 0769. Memorandum to the Field Director of Ammunition Plants, regarding "Report on Status of Projects Submitted under Industrial Division Order No. 10," dated May 17, 1943.	See CD #2, Doc. No. 00025959
12- 44	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 32.	See CD #1, Doc. No. 00009321
12- 45	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 32.	See CD #1, Doc. No. 00009321
12- 46	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Pages B-2 – B-3.	See CD #3, Doc. TROUTMAN,K
12- 47	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-4.	See CD #3, Doc. TROUTMAN,K
12- 48	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 32.	See CD #1, Doc. No. 00009321
12- 49	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 32.	See CD #1, Doc. No. 00009321
12- 50	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-4.	See CD #3, Doc. TROUTMAN,K
12- 51	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-4.	See CD #3, Doc. TROUTMAN,K

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12- 52	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-4.	See CD #3, Doc. TROUTMAN,K
12- 53	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 9.	See CD #1, Doc. No. 00009321
12- 54	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 9.	See CD #1, Doc. No. 00009321
12- 55	CRO 001457. Special Use Permit No. 30761, dated February 4, 1960.	See CD #2, Doc. No. 00025219
12- 56	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 57	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 58	DPRA Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 59	DPRA Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 60	DPRA Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 61	DPRA Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 62	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 33.	See CD #1, Doc. No. 00009321
12- 63	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 8.	See CD #1, Doc. No. 00009321
12- 64	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 33.	See CD #1, Doc. No. 00009321
12- 65	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 66	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 67	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 1.	See CD #2, Doc. No. 00017740

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12- 68	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 69	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 1 and 2. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH08
12- 70	DPRA Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 7.	See CD #1, Doc. No. 00009059
12- 71	DPRA Document No. 00009039. Crab Orchard National Wildlife Refuge, Lease Data, Industrial Unit, June 1, 1951, Page 9.	See CD #1, Doc. No. 00009039
12- 72	DPRA Document No. 00025093. U.S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September Thru December, 1955, Table No. VIII.	See CD #2, Doc. No. 00025093
12- 73	CRO 001575A. Article from Herrin Daily Journal, dated March 30, 1949.	See CD #2, Doc. No. 00025464
12- 74	Ray Almaroad, personal interview, September 8, 1999.	See CD #3, Doc. ALMAROAD,R
12- 75	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 76	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 77	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 78	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 79	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 1.	See CD #2, Doc. No. 00017740
12- 80	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 81	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part II, Section 1, Page 1.	See CD #1, Doc. No. 00009322
12- 82	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part I, Section 8, Page 1.	See CD #1, Doc. No. 00009322

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12- 83	Original IOP Plan No.6544-101.15-A, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-15A
12- 84	Original IOP Plan No.6544-101.15-A, last revision June 30, 1942 with later notations added by Refuge personnel.	See CD #2, Doc. No. 101-15A
12- 85	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland (same photograph as used by Entech).	See CD #3, directory called: AERIAL PHOTOS
12- 86	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08
12- 87	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08
12- 88	CRO 001457. Special Use Permit No. 30761, dated February 4, 1960.	See CD #2, Doc. No. 00025219
12- 89	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 90	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 91	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH08
12- 92	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, incorporated, dated May 16, 1969, Page 1.	See CD #2, Doc. No. 00017740
12- 93	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 94	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH08
12- 95	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 9.	See CD #1, Doc. No. 00009321
12- 96	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH08
12- 97	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 98	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756

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12- 99	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 1., DPRA Document No. 00017745. Cancellation of 2 leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017740
12- 100	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 101	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH08
12- 102	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH08
12- 103	DPRA Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 104	ACO 000028. USFWS, Letter to U.S. Army Armament Command regarding decontamination of Buildings III-1-11 and III-1-12a, dated October 22, 1975.	See CD #2, Doc. No. 00024439
12- 105	DPRA Document No. 00003319. Special Use Permit No. 33149, dated December 24, 1959.	See CD #1, Doc. No. 00003319
12- 106	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 107	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 108	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 1.	See CD #2, Doc. No. 00017740
12- 109	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 110	CRO 001176. Amendment No. 2 to Lease Contract No. 14-16-0003-13947, American Fiber-Lite, Incorporated, dated September 1, 1974.	See CD #2, Doc. No. 00025939
12- 111	CRO 000439. U.S. Government Memorandum, dated April 6, 1982.	See CD #2, Doc. No. 00025163
12- 112	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part II, Section 1, Page 1.	See CD #1, Doc. No. 00009322
12- 113	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part I, Section 8, Page 2.	See CD #1, Doc. No. 00009322
12- 114	Original IOP Plan No.6544-101.15-A, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-15A
12- 115	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1.	See CD #3, Doc. ENTECH08

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12- 116	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08
12- 117	DPRA Document No. 00003319. Special Use Permit No. 33149, dated December 24, 1959.	See CD #1, Doc. No. 00003319
12- 118	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 119	DOI 001422 - DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 120	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH08
12- 121	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 1.	See CD #2, Doc. No. 00017740
12- 122	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 123	ACO 000028. USFWS, Letter to U.S. Army Armament Command regarding decontamination of Buildings III-1-11 and III-1-12a, dated October 22, 1975.	See CD #2, Doc. No. 00024439
12- 124	CRO 001177. Amendment No. 3 to Lease Contract No. 14-16-0003-13947, American Fiber-Lite, Incorporated, dated January 1, 1976.	See CD #2, Doc. No. 00025940
12- 125	CRO 000439. U.S. Government Memorandum, dated April 6, 1982.	See CD #2, Doc. No. 00025163
12- 126	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 5, Page 9.	See CD #1, Doc. No. 00009321
12- 127	Interview with Kermit C. Troutman as found in TechLaw Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company Illinois Ordnance Plant, Page B-4.	See CD #3, Doc. TROUTMAN,K
12- 128	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant - Carbondale, Illinois, Part I, Section 8, Page 2.	See CD #1, Doc. No. 00009322
12- 129	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant - Carbondale, Illinois, Part II, Section 1, Page 1.	See CD #1, Doc. No. 00009322
12- 130	DPRA Document No. 00003319. Special Use Permit No. 33149, dated December 24, 1959.	See CD #1, Doc. No. 00003319
12- 131	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 132	DOI 001422 - DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756

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12- 133	CRO 000492. Lease Contract No. 14-16-0003-12152 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Petrof Trading Company, Inc., dated December 7, 1965, Page 1.	See CD #2, Doc. No. 00025189
12- 134	DPRA Document No. 00017899. Cancellation of Lease Contract No. 14-16-0003-12512, Petrof Trading Company, Inc., dated December 31, 1968.	See CD #2, Doc. No. 00017899
12- 135	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 1.	See CD #2, Doc. No. 00017740
12- 136	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 137	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH08
12- 138	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH08
12- 139	CRO 001460. Special Use Permit No. SUP-52-71, dated May 10, 1971.	See CD #2, Doc. No. 00025231
12- 140	CRO 001170. Lease Contract No. 14-16-0003-13,947 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and American Fiber-Glass, Incorporated, dated March 15, 1973, Page 1.	See CD #2, Doc. No. 00024843
12- 141	CRO 000439. U.S. Government Memorandum, dated April 6, 1982.	See CD #2, Doc. No. 00025163
12- 142	DPRA Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 143	DPRA Document No. 00017896. U.S. Government Memorandum regarding the Accident to Contractor at Crab Orchard NWR, dated April 24, 1975.	See CD #2, Doc. No. 00017896
12- 144	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH08
12- 145	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH08
12- 146	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH08
12- 147	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 8, Page 34.	See CD #1, Doc. No. 00009321
12- 148	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 3, Section 2, Page 8.	See CD #1, Doc. No. 00009321
12- 149	DPRA Document No. 00003319. Special Use Permit No. 33149, dated December 24, 1959.	See CD #1, Doc. No. 00003319

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12- 150	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 151	DOI 001422 - DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 152	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 2.	See CD #2, Doc. No. 00017740
12- 153	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 154	CRO 001177. Amendment No. 3 to Lease Contract No. 14-16-0003-13947, American Fiber-Lite, Incorporated, dated January 1, 1976.	See CD #2, Doc. No. 00025940
12- 155	CRO 000439. U.S. Government Memorandum, dated April 6, 1982.	See CD #2, Doc. No. 00025163
12- 156	DPRA Document No. 00003319. Special Use Permit No. 33149, dated December 24, 1959.	See CD #1, Doc. No. 00003319
12- 157	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 158	DOI 001422 - DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 159	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 2.	See CD #2, Doc. No. 00017740
12- 160	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 161	CRO 001177. Amendment No. 3 to Lease Contract No. 14-16-0003-13947, American Fiber-Lite, Incorporated, dated January 1, 1976.	See CD #2, Doc. No. 00025940
12- 162	CRO 000439. U.S. Government Memorandum, dated April 6, 1982.	See CD #2, Doc. No. 00025163
12- 163	DPRA Document No. 00003319. Special Use Permit No. 33149, dated December 24, 1959.	See CD #1, Doc. No. 00003319
12- 164	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 165	DOI 001422 - DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 166	CRO 000492. Lease Contract No. 14-16-0003-12152 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Petrof Trading Company, Inc., dated December 7, 1965, Page 1.	See CD #2, Doc. No. 00025189

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12- 167	DPR A Document No. 00017899. Cancellation of Lease Contract No. 14-16-0003-12512, Petrof Trading Company, Inc., dated December 31, 1968.	See CD #2, Doc. No. 00017899
12- 168	DPR A Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 2.	See CD #2, Doc. No. 00017740
12- 169	DPR A Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 170	CRO 001170. Lease Contract No. 14-16-0003-13,947 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and American Fiber-Glass, Incorporated, dated March 15, 1973, Page 1.	See CD #2, Doc. No. 00024843
12- 171	CRO 000439. U.S. Government Memorandum, dated April 6, 1982.	See CD #2, Doc. No. 00025163
12- 172	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH08
12- 173	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 174	DOI 001422 -- DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 175	DPR A Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 2.	See CD #2, Doc. No. 00017740
12- 176	DPR A Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 177	CRO 001177. Amendment No. 3 to Lease Contract No. 14-16-0003-13947, American Fiber-Lite, Incorporated, dated January 1, 1976.	See CD #2, Doc. No. 00025940
12- 178	CRO 000439. U.S. Government Memorandum, dated April 6, 1982.	See CD #2, Doc. No. 00025163
12- 179	Interview with Kermit C. Troutman as found in TechLaw Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company Illinois Ordnance Plant, Page B-4.	See CD #3, Doc. TROUTMAN,K
12- 180	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 3, Section 2, Page 8.	See CD #1, Doc. No. 00009321
12- 181	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 5, Page 9.	See CD #1, Doc. No. 00009321
12- 182	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08

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12- 183	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH08
12- 184	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as de	See CD #2, Doc. No. 00018751
12- 185	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 186	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 2.	See CD #2, Doc. No. 00017740
12- 187	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 188	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 13.	See CD #1, Doc. No. 00009321
12- 189	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 190	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 191	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 2.	See CD #2, Doc. No. 00017740
12- 192	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 193	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH08
12- 194	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 9.	See CD #1, Doc. No. 00009321
12- 195	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751
12- 196	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 197	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 28.	See CD #1, Doc. No. 00009321
12- 198	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease.)	See CD #2, Doc. No. 00018751

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12- 199	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 200	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 2.	See CD #2, Doc. No. 00017740
12- 201	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 202	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH08
12- 203	CRO 000424. Lease Contract No. 14-16-0003-13,631 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and International Sign and Manufacturing company, dated May 1, 1972, Page 1.	See CD #2, Doc. No. 00025148
12- 204	CRO 000426. Cancellation of Lease Contract No. 14-16-0003-13,631, International Sign and Manufacturing Company, Herrin, Illinois, dated June 11, 1973.	See CD #2, Doc. No. 00025149
12- 205	DPRA Document No. 00019086. Special Use Permit No. SUP-35-76, dated January 21, 1976.	See CD #2, Doc. No. 00019086
12- 206	DPRA Document No. 00009450. U. S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Crab Orchard National Wildlife Refuge, Carterville, Illinois, Annual Narrative Report, Calendar Year 1980, Page 9.	See CD #1, Doc. No. 00009450
12- 207	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 31.	See CD #1, Doc. No. 00009321
12- 208	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 2 and 3.	See CD #3, Doc. ENTECH08
12- 209	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH08
12- 210	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH08
12- 211	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 212	DOI 001422 – DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 213	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 28.	See CD #1, Doc. No. 00009321
12- 214	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08

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12- 215	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08
12- 216	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08
12- 217	Walker Associates. 2000. Aerial photographs of Area 8. Photo 528-41.	See CD #3, Doc. WALKER08
12- 218	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH08
12- 219	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6.	See CD #3, Doc. ENTECH08
12- 220	DPRA Database No. 00006461. Special Areas Log showing tenant, building number, square ft, rental rate and building condition.	See CD #1, Doc. No. 00006461
12- 221	DPRA Document No. 00009450. U. S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Crab Orchard National Wildlife Refuge, Carterville, Illinois, Annual Narrative Report, Calendar Year 1980, Page 9.	See CD #1, Doc. No. 00009450
12- 222	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 5, Page 9.	See CD #1, Doc. No. 00009321
12- 223	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 8, Page 30.	See CD #1, Doc. No. 00009321
12- 224	Original IOP Plan No.6544-101.15-B, last revision June 30, 1942 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-15B
12- 225	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 8, Page 30.	See CD #1, Doc. No. 00009321
12- 226	ACO 4991. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Former Illinois Ordnance Plant, Uncharacterized Sites Report, dated August 7, 1991, Figure 3-5.	See CD #2, Doc. No. 00023036
12- 227	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08
12- 228	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1.	See CD #3, Doc. ENTECH08
12- 229	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08
12- 230	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2.	See CD #3, Doc. ENTECH08
12- 231	O'Brien and Gere, 1988, Remedial Investigation Report, Crab Orchard National Wildlife Refuge, Volume 1, Final Report, Page 19-1.	See CD #2, Doc. No. 00022621

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12- 232	Golder Associates, 1993, Phase I Remedial Investigation of the Miscellaneous Areas Operable Unit, Page 11.	See CD #1, Doc. No. 00001223
12- 233	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH08
12- 234	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH08
12- 235	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH08
12- 236	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH08
12- 237	Entech, Inc., 1999, Site Specific Report on Area 8 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH08
12- 238	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 239	DOI 001422 - DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 240	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 241	DOI 001422 - DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 242	DPRA Document No. 00017740. Lease Contract No. 14-16-0003-13018 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Central technology, Incorporated, dated May 16, 1969, Page 2.	See CD #2, Doc. No. 00017740
12- 243	DPRA Document No. 00017745. Cancellation of 2 Leases and 1 Special Use Permit, dated November 30, 1970.	See CD #2, Doc. No. 00017745
12- 244	DOI 001399, DOI 001401, & DOI 001421. Seventh Amendment and Codification of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated August 1, 1960, Pages 1 and 3, and Page 3 of Exhibit B. (Area 8 is described as "Tract F" in this lease as determined on Page 3 of Exhibit B of this amendment.)	See CD #2, Doc. No. 00018751
12- 245	DOI 001422 - DOI 001425. Eight Amendment of Lease, between USFWS and Olin Mathieson Chemical Corporation, dated December 14, 1962.	See CD #2, Doc. No. 00018756
12- 246	Wayne Adams, personal interview, March 23, 2000.	See CD #3, Doc. ADAMS,W
12- 247	Wayne Adams, personal interview, March 23, 2000.	See CD #3, Doc. ADAMS,W

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12- 248	Wayne Adams, personal interview, March 23, 2000.	See CD #3, Doc. ADAMS,W
12- 249	DPRA Document No. 00017892. U.S. Government Memorandum Regarding the Fire and Apparent Explosion at Building III-1-11, dated April 21, 1975, Page 3.	See CD #2, Doc. No. 00017892
12- 250	Note that Figure 12-4 describes these as MISCA OU sites. The same sites were investigated in both the O'Brien and Gere RI and the MISCA OU RI (Woodward-Clyde, 1996).	This footnote either provides additional information or further clarifies the text; no document is referenced.
12- 251	O'Brien and Gere, 1988, Remedial Investigation Report, Page 19-1.	See CD #2, Doc. No. 00022621
12- 252	O'Brien and Gere, 1988, Remedial Investigation Report, Page 19-1.	See CD #2, Doc. No. 00022621
12- 253	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
12- 254	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987.	See CD #2, Doc. No. 00018887
12- 255	Woodward-Clyde, 1996. Remedial Investigation Report, Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #1, Doc. No. 00000797
12- 256	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
12- 257	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
12- 258	Woodward-Clyde, 1996. Remedial Investigation Report, Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, page 5-10 and 5-11.	See CD #1, Doc. No. 00000797
12- 259	Woodward-Clyde, 1996. Remedial Investigation Report, Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, page ES-ii.	See CD #1, Doc. No. 00000797
12- 260	Woodward-Clyde, 1996. Remedial Investigation Report, Miscellaneous Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, page 1-12.	See CD #1, Doc. No. 00000797
12- 261	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)

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12- 262	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
12- 263	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
12- 264	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
12- 265	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
12- 266	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
12- 267	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ca/qcqq_rcqe/index.html
12- 268	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
12- 269	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
12- 270	MacDonald, D.D., Ingersoll, C.G., Berger, T.A. 1999. Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems. MacDonald Environmental Services Ltd., British Columbia, Canada.	Publicly available at http://www.cerc.cr.usgs.gov/pubs/center/pdfDocs/91126.pdf
12- 271	Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.C. Canfield, F.J. Dwyer, C. E. Henke, N.E. Kemble, D.R. Mount, and R.G. Fox. 1996. Calculation and evaluation of sediment effect concentrations for the amphipod <i>Hyaella azteca</i> and the midge <i>Chironomus riparius</i> . J. Great Lakes Res. 22(3):602-623.	Publicly available from the <u>Journal of Great Lakes Research</u> , Volume 22, Number 3, Pages 602 to 623
12- 272	Ontario Ministry of Environment and Energy. 1995. Ontario's Approach to Sediment Assessment and Remediation. Second SETAC World Congress (16TH Annual Meeting). Vancouver, British Columbia, Canada.	Publicly available from Rein Jaagumagi, Ontario Ministry of Environment and Energy at 416-235-6252

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12- 273	NOAA. 1999. Screening quick Reference Tables. National Oceanic and Atmospheric Administration HAZMAT Report 99-1, Seattle Washington.	Publicly available at http://response.restoration.noaa.gov/cpr/sediment/squirt/squirt.html
12- 274	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
12- 275	Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. Environ. Management. 19(1): 81-97.	Publicly available from the <u>Journal Environmental Management</u> , Volume 19, Issue 1, Pages 81 to 97
12- 276	USEPA. 1999a. National Recommended Water Quality Criteria--Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
12- 277	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
12- 278	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins -- Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
12- 279	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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13- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, IL, Part I, Section 5, Page 1, (Plan no. 6544-101.62).	See CD #1, Doc. No. 00009321
13- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, IL, Part I, Section 5, Page 8, (Plan no. 6544-101.14).	See CD #1, Doc. No. 00009321
13- 3	Fluor Daniel GTI, August 1997, Acceptance Report for Closure of PCB Areas Operable Unit Landfill, Crab Orchard National Wildlife Refuge, Marion, IL.	See CD #2, Doc. No. 00029234
13- 4	The design excavation boundary was provided to URS as an electronic file from FWS. The actual remediation boundary is greater, but the extent is not known.	This footnote either provides additional information or further clarifies the text; no document is referenced.
13- 5	DOI 001199. Olin's response to First Set of information Requests, Page 4.	See CD #1, Doc. No. 00004610
13- 6	Interview with Mr. Norm Thomas as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations and Ownership History, Crab Orchard National Wildlife Refuge, Page B-1.	See CD #3, Doc. THOMAS,N
13- 7	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
13- 8	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
13- 9	NAR 000016. IOP, Illinois Ordnance Plant, Historical Record, August 18th, 1941 to December 31st, 1942, Page 11.	See CD #2, Doc. No. 00023020
13- 10	DPRA Document No. 00028115. US Army Corps of Engineers, 1993, Defense Environmental Restoration Program for Formerly Used Defense Sites, Ordnance and Explosive Waste, Archives Search Report, Findings for the former Illinois Ordnance Plant, Carbondale, Illinois, Project Number E05IL000203, Page 14 of Document No. F-14.	See CD #2, Doc. No. 00028115
13- 11	DPRA Document No. 00028115. US Army Corps of Engineers, 1993, Defense Environmental Restoration Program for Formerly Used Defense Sites, Ordnance and Explosive Waste, Archives Search Report, Findings for the former Illinois Ordnance Plant, Carbondale, Illinois, Project Number E05IL000203, Page 14 of Document No. F-14.	See CD #2, Doc. No. 00028115
13- 12	DPRA Document No. 00028115. US Army Corps of Engineers, 1993, Defense Environmental Restoration Program for Formerly Used Defense Sites, Ordnance and Explosive Waste, Archives Search Report, Findings for the former Illinois Ordnance Plant, Carbondale, Illinois, Project Number E05IL000203, Page 14 of Document No. F-14.	See CD #2, Doc. No. 00028115
13- 13	NAR 000681. IOP, Illinois Ordnance Plant, Carbondale, Illinois, Historical Record, 1 April 1945 to 30 June 1945, Page 12.	See CD #2, Doc. No. 00023052
13- 14	NAR 000691. IOP, Illinois Ordnance Plant, Carbondale, Illinois, Historical Record, 1 October 1945 to 1 July 1946, (page number illegible).	See CD #2, Doc. No. 00023055

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13- 15	ACO 000128. Virgil Hollis, personal interview, as found in Appendix H, Page H-7, of an unknown report.	See CD #2, Doc. No. 00024547
13- 16	DOI 007663 – DOI 007674. Lease, Sangamo Electric Company, dated September 27, 1946.	See CD #2, Doc. No. 00022912
13- 17	DOI 007679 – DOI 007674. Amendment to Lease, Sangamo Electric Company, dated December 17, 1947.	See CD #2, Doc. No. 00022914
13- 18	DOI 007669 – DOI 007672. Lease Renewal Agreement, Sangamo Electric Company, dated February 19, 1951, Pages 1-2.	See CD #2, Doc. No. 00022913
13- 19	DOI 007683 – DOI 007692. Amendment Two to Lease, Sangamo Electric Company, dated September 7, 1955.	See CD #2, Doc. No. 00022920
13- 20	FWM 001252 – FWM 001257. Lease Contract No. 14-19-003-2694, Lands Designation M-22, by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1956.	See CD #2, Doc. No. 00021836
13- 21	DOI 007693 – DOI 007711. Lease Contract No. 14-16-0003-4751, Lands Designation M-22 by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1961; and DOI 007714. Fish and Wildlife Service, Letter to Sangamo Electric Company relieving Sangamo Electric Company of the terms and conditions under Lease No. 14-16-0003-4751, dated March 20, 1962.	See CD #2, Doc. No. 00022923
13- 22	DPRA Document No. 00020115. Schlumberger Environmental Services, Inc. (Sangamo Electric Company) response to the request for information pursuant to Section 104 (e) of CERCLA, dated August 31, 1989.	See CD #2, Doc. No. 00020115
13- 23	DOI 007588. Deposition of Robert Eugene Cochran, June 8, 1987, Pages 13 and 21.	See CD #2, Doc. No. 00022911
13- 24	DPRA Document No. 00020115. Schlumberger Environmental Services, Inc. (Sangamo Electric Company) response to the request for information pursuant to Section 104 (e) of CERCLA, dated August 31, 1989.	See CD #2, Doc. No. 00020115
13- 25	DOI 007588. Deposition of Robert Eugene Cochran, June 8, 1987, Pages 21, 26, and 27.	See CD #2, Doc. No. 00022911
13- 26	DPRA Document No. 00020115. Schlumberger Environmental Services, Inc. (Sangamo Electric Company) response to the request for information pursuant to Section 104 (e) of CERCLA, dated August 31, 1989.	See CD #2, Doc. No. 00020115
13- 27	DPRA Document No. 00022545. Schlumberger Environmental Services, Inc., Letter to USEPA containing supplement information pursuant to Section 104 (e) request, dated August 20, 1990, Page 2.	See CD #2, Doc. No. 00022545
13- 28	DPRA Document No. 00020115. Schlumberger Environmental Services, Inc. (Sangamo Electric Company) response to the request for information pursuant to Section 104 (e) of CERCLA, dated August 31, 1989.	See CD #2, Doc. No. 00020115
13- 29	DPRA Document No. 00022545. Schlumberger Environmental Services, Inc., Letter to USEPA containing supplement information pursuant to Section 104 (e) request, dated August 20, 1990, Page 2.	See CD #2, Doc. No. 00022545

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13- 30	DPRA Document No. 00022545. Schlumberger Environmental Services, Inc., Letter to USEPA containing supplement information pursuant to Section 104 (e) request, dated August 20, 1990, Page 2.	See CD #2, Doc. No. 00022545
13- 31	DPRA Document No. 00018707. Illinois Sanitary Water Board, Memorandum to M. R. Golley regarding Sangamo's plan to begin plating operations at the Refuge, dated June 17, 1955.	See CD #2, Doc. No. 00018707
13- 32	DPRA Document No. 00018720. Sangamo Electric Company, Letter to the Illinois Sanitary Water Board regarding Sangamo's plan for a plating operation at the Refuge, detailing chemical components of the operation, dated June 20, 1955.	See CD #2, Doc. No. 00018720
13- 33	DPRA Document No. 00018724. Illinois Sanitary Water Board, Letter to Sangamo Electric Company regarding Sangamo's proposed plating operation, dated June 27, 1955.	See CD #2, Doc. No. 00018724
13- 34	DPRA Document No. 00018720. Sangamo Electric Company, Letter to the Illinois Sanitary Water Board regarding Sangamo's plan for a plating operation at the Refuge, detailing chemical components of the operation, dated June 20, 1955.	See CD #2, Doc. No. 00018720
13- 35	DPRA Document No. 00018730. Illinois Sanitary Water Board, Memorandum to the Division of Sanitary Engineering regarding a site visit to Sangamo's operation in Area 9, dated June 28, 1955.	See CD #2, Doc. No. 00018730
13- 36	DPRA Document No. 00019836. Illinois Sanitary Water Board, Letter to Sangamo Electric Company regarding Sangamo's proposed plating operation, dated August 22, 1955.	See CD #2, Doc. No. 00019836
13- 37	DPRA Document No. 00019842. Sangamo Electric Company, Letter to the Illinois Sanitary Water Board regarding treating the cyanide plating rinse water with a hypochlorite treatment, dated August 18, 1955.	See CD #2, Doc. No. 00019842
13- 38	DPRA Document No. 00019836. Illinois Sanitary Water Board, Letter to Sangamo Electric Company regarding Sangamo's proposed plating operation, dated August 22, 1955.	See CD #2, Doc. No. 00019836
13- 39	DOI 001508 – DOI 001509. Lease # 14-16-0003-12613, dated January 1, 1967, Pages 1-2.	See CD #2, Doc. No. 00018804
13- 40	DPRA Document No. 00007587. Building Lease Contract No. 14-16-0003-82-525 by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #1, Doc. No. 00007587
13- 41	DPRA Document No. 00007527. Amendment No. 11 to Lease Contract No. 14-16-0003-12613, Primex Technologies, Inc., dated January 1, 1997.	See CD #1, Doc. No. 00007527
13- 42	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 43	DPRA Document No. 00009356. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1966, Page 50.	See CD #1, Doc. No. 00009356
13- 44	DPRA Document No. 00009355. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1967, Page 50.	See CD #1, Doc. No. 00009355

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13- 45	Interview with Mr. Norm Thomas as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations and Ownership History, Crab Orchard National Wildlife Refuge, Page B-1.	See CD #3, Doc. THOMAS,N
13- 46	DOI 001199. Olin's response to First Set of Information Requests, Page 4.	See CD #1, Doc. No. 00004610
13- 47	Deposition of John Miller, April 9, 1998, Page 62.	See CD #1, Doc. No. 00004133
13- 48	Deposition of George T. Wisely, June 28, 1999, Pages 49-50.	See CD #3, Doc. WISELY0628
13- 49	Deposition of Charles Funk, April 9, 1998, Pages 53-54.	See CD #1, Doc. No. 00004122
13- 50	Department of the Army, September 1984, Military Explosives Technical Manual, (NTIS # TM 9-1300-214), Page 10-2.	See CD #2, Doc. No. 00026221
13- 51	Deposition of John Miller, April 9, 1998, Page 63.	See CD #1, Doc. No. 00004133
13- 52	Deposition of George T. Wisely, June 28, 1999, Page 51	See CD #3, Doc. WISELY0628
13- 53	DOI 001199. Olin's response to First Set of Information Requests, Page 4.	See CD #1, Doc. No. 00004610
13- 54	Deposition of Charles Funk, April 9, 1998, Page 9.	See CD #1, Doc. No. 00004122
13- 55	Deposition of Charles Funk, April 9, 1998, Pages 41-42.	See CD #1, Doc. No. 00004122
13- 56	DPRA Document No. 00014843. Olin Corporation, Addendum to Radioactive Material License and Application, dated November 15, 1988, Page 004174.	See CD #1, Doc. No. 00014843
13- 57	DPRA Document No. 00014809. Olin Corporation, Radioactive Material License and Application, dated November 15, 1988, Page 004150.	See CD #1, Doc. No. 00014809
13- 58	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Pages B-1 – B-5.	See CD #3, Doc. TROUTMAN,K
13- 59	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 60	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 61	DPRA Document No. 00027291. Olin, Interoffice memo entitled "I-1-1 and I-1-2 Inspection Report," Page 1.	See CD #2, Doc. No. 00027291
13- 62	DPRA Document No. 00027291. Olin, Interoffice memo entitled "I-1-1 and I-1-2 Inspection Report," Page 1.	See CD #2, Doc. No. 00027291
13- 63	DPRA Document No. 00027285. Olin, Interoffice memo entitled "I-1-1 and I-1-2."	See CD #2, Doc. No. 00027285
13- 64	DPRA Document No. 00007590. Amendment No. 3 to Building Lease Contract No. 14-16-0003-81-525, dated August 1, 1983.	See CD #1, Doc. No. 00007590
13- 65	DPRA Document Nos. 00012333, 00012336, and 00012338. Olin, cover memo entitled "Chemicals/Assemblies Evaluation for I-1-1 Storage," and attachments.	See CD #1, Doc. Nos. 00012333, 00012336, 00012338

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13- 66	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988.	See CD #2, Doc. No. 00027151
13- 67	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988, Page 5 and Table 1.	See CD #2, Doc. No. 00027151
13- 68	DPRA Document No. 00014628. Olin, Inter Office Memo entitled "Initial shipment D.U. Contaminated Sand (only) to Nuclear Metals, Inc." dated January 5, 1987.	See CD #1, Doc. No. 00014628
13- 69	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 70	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 71	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 72	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 73	DPRA Document No. 00027291. Olin, Interoffice memo entitled "I-1-1 and I-1-2 Inspection Report," Page 1.	See CD #2, Doc. No. 00027291
13- 74	DPRA Document No. 00027291. Olin, Interoffice memo entitled "I-1-1 and I-1-2 Inspection Report," Page 1.	See CD #2, Doc. No. 00027291
13- 75	DPRA Document No. 00007590. Amendment No. 3 to Building Lease Contract No. 14-16-0003-81-525, dated August 1, 1983.	See CD #1, Doc. No. 00007590
13- 76	DPRA Document No. 00018833. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-525, Olin Corporation, dated March 1, 1989.	See CD #2, Doc. No. 00018833
13- 77	DPRA Document No. 00007601. Amendment No. 7 to Building Lease Contract No. 14-16-0003-81-525, Olin Corporation, dated October 1, 1991.	See CD #1, Doc. No. 00007601
13- 78	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988, Page 5 and Table 1.	See CD #2, Doc. No. 00027151
13- 79	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 80	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
13- 81	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 82	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 83	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 6.	See CD #1, Doc. No. 00009321
13- 84	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 5.	See CD #1, Doc. No. 00009321
13- 85	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 5.	See CD #1, Doc. No. 00009321
13- 86	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 5.	See CD #1, Doc. No. 00009321
13- 87	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 5.	See CD #1, Doc. No. 00009321
13- 88	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 5.	See CD #1, Doc. No. 00009321
13- 89	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 5.	See CD #1, Doc. No. 00009321
13- 90	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 91	DPRA Document No. 00025248/CRO 000469. Special Use Permit, Permit Number SUP-07-76, dated August 29, 1975. This SUP indicates Building #4. This document is used to compare to Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed. This document notes that Building #4 is I-1-3.	See CD #2, Doc. Nos. 00025248 and 101.14A
13- 92	DPRA Document No. 00007587. Building Lease Contract No. 14-16-0003-81-525 by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007587
13- 93	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988, Page 5 and Table 1.	See CD #2, Doc. No. 00027151
13- 94	DPRA Document No. 00014715/PRI-006368. Olin Defense Systems Ordnance, Receiving Report for "projectile subcaliber penetrat" with a location description of I-1-3, dated April 15, 1987.	See CD #1, Doc. No. 00014715
13- 95	DPRA Document No. 00012360. Olin, Inter Office Memo entitled "Chemical Spill-Geon Resin," dated June 4, 1985.	See CD #1, Doc. No. 00012360
13- 96	DPRA 00016397. Olin Mathieson Chemical Corporation, Associated Products Division, Approved Vendors of Chemical Raw Materials, Dated April 6, 1967, Page 5.	See CD #2, Doc. No. 00016397

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13- 97	DPRA Document No. 00012360. Olin, Inter Office Memo entitled "Chemical Spill-Geon Resin," dated June 4, 1985.	See CD #1, Doc. No. 00012360
13- 98	DPRA Document No. 00014468. Olin, Inter Office Memo entitled "November 19 Radiation Committee Meeting," dated December 12, 1986; 19k Radiation Committee Meeting," dated December 12, 1986.	See CD #1, Doc. No. 00014468
13- 99	PRI-016557. Olin inter office memo entitled "1-1-3 Empty drums," dated December 14, 1988.	See CD #2, Doc. No. 00026941
13- 100	PRI-016557. Olin inter office memo entitled "1-1-3 Empty drums," dated December 14, 1988.	See CD #2, Doc. No. 00026941
13- 101	Heil was a current employee at the time of the site reconnaissance of Area 9 and was interviewed then.	This footnote either provides additional information or further clarifies the text; no document is referenced.
13- 102	DPRA document No. 00016642. Olin, 1988 Safety Audit Action Items, dated March 7, 1988.	See CD #2, Doc. No. 00016642
13- 103	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 104	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 105	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 106	DOI 007679 - DOI 007674. Amendment to Lease, Sangamo Electric Company, dated December 17, 1947.	See CD #2, Doc. No. 00022914
13- 107	DOI 007669 - DOI 007672. Lease Renewal Agreement, Sangamo Electric Company, dated February 19, 1951, Pages 1-2.	See CD #2, Doc. No. 00022913
13- 108	DOI 007683 - DOI 007692. Amendment Two to Lease, Sangamo Electric Company, dated September 7, 1955.	See CD #2, Doc. No. 00022920
13- 109	FWM 001252 - FWM 001257. Lease Contract No. 14-19-003-2694, Lands Designation M-22, by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1956.	See CD #2, Doc. No. 00021836
13- 110	DOI 007693 - DOI 007711. Lease Contract No. 14-16-0003-4751, Lands Designation M-22 by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1961; and DOI 007714. Fish and Wildlife Service, Letter to Sangamo Electric Company relieving Sangamo Electric Company of the terms and conditions under Lease No. 14-16-0003-4751, dated March 20, 1962.	See CD #2, Doc. No. 00022923
13- 111	DOI 001582. Building Lease Contract No. 14-16-0003-81-525 by and between U. S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 of Page 1A.	See CD #2, Doc. No. 00018826

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
13- 112	DPRA Document No. 00025248/CRO 000469. Special Use Permit for Olin, Permit Number SUP-07-76, dated August 29, 1975. This SUP indicates Building #5. This document is used to compare to Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed. This document notes that Building #5 is FAM-3-4 which is also I-1-3A.	See CD #2, Doc. Nos. 00025248 and 101.14A
13- 113	DPRA Document No. 00025248/CRO 000469. Special Use Permit for Olin, Permit Number SUP-07-76, dated August 29, 1975. This SUP indicates Building #5. This document is used to compare to Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed. This document notes that Building #5 is FAM-3-4 which is also I-1-3A.	See CD #2, Doc. Nos. 00025248 and 101.14A
13- 114	DPRA Document No. 00007587. Building Lease Contract No. 14-16-0003-81-525 by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007587
13- 115	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 116	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 117	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 118	DOI 007663 – DOI 007674. Lease, Sangamo Electric Company, dated September 27, 1946.	See CD #2, Doc. No. 00022912
13- 119	DOI 007679 – DOI 007674. Amendment to Lease, Sangamo Electric Company, dated December 17, 1947.	See CD #2, Doc. No. 00022914
13- 120	DOI 007669 – DOI 007672. Lease Renewal Agreement, Sangamo Electric Company, dated February 19, 1951, Pages 1-2.	See CD #2, Doc. No. 00022913
13- 121	DOI 007683 – DOI 007692. Amendment Two to Lease, Sangamo Electric Company, dated September 7, 1955.	See CD #2, Doc. No. 00022920
13- 122	FWM 001252 – FWM 001257. Lease Contract No. 14-19-003-2694, Lands Designation M-22, by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1956.	See CD #2, Doc. No. 00021836
13- 123	DOI 007693 – DOI 007711. Lease Contract No. 14-16-0003-4751, Lands Designation M-22 by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1961; and DOI 007714. Fish and Wildlife Service, Letter to Sangamo Electric Company relieving Sangamo Electric Company of the terms and conditions under Lease No. 14-16-0003-4751, dated March 20, 1962.	See CD #2, Doc. No. 00022923
13- 124	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
13- 125	DPRA Document No. 00025248/CRO 000469. Special Use Permit for Olin, Permit Number SUP-07-76, dated August 29, 1975. This SUP indicates Building #13. This document is used to compare to other lease documents that indicate Building #14 is I-1-4.	See CD #2, Doc. Nos. 00025248 and 101-14A
13- 126	DPRA Document No. 00007587. Building Lease Contract No. 14-16-0003-81-525 by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007587
13- 127	DPRA Document No. 00018833. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-525, Olin Corporation, dated March 1, 1989.	See CD #2, Doc. No. 00018833
13- 128	DPRA Document No. 00009535. Olin, Inter Office Memo entitled "Buildings and Contents Behind I-1-3/Request to Move," dated August 20, 1984.	See CD #1, Doc. No. 00009535
13- 129	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 130	DPRA Document No. 00025248/CRO 000469. Special Use Permit for Olin, Permit Number SUP-07-76, dated August 29, 1975. This SUP indicates Building #10. This document is used to compare to Original IOP Plan No.6544-101.14A, last revision December 10, 1945	See CD #2, Doc. Nos. 00025248 and 101-14A
13- 131	DPRA Document No. 00007587. Building Lease Contract No. 14-16-0003-81-525 by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007587
13- 132	DPRA Document No. 00018833. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-525, Olin Corporation, dated March 1, 1989.	See CD #2, Doc. No. 00018833
13- 133	DPRA Document No. 00009535. Olin, Inter Office Memo entitled "Buildings and Contents Behind I-1-3/Request to Move," dated August 20, 1984.	See CD #1, Doc. No. 00009535
13- 134	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 135	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 136	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 137	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 138	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 6.	See CD #1, Doc. No. 00009321
13- 139	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 32.	See CD #1, Doc. No. 00009321
13- 140	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 32.	See CD #1, Doc. No. 00009321
13- 141	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-3.	See CD #3, Doc. TROUTMAN,K

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13- 142	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-1 through B-5.	See CD #3, Doc. TROUTMAN,K
13- 143	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-1 through B-5.	See CD #3, Doc. TROUTMAN,K
13- 144	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-3.	See CD #3, Doc. TROUTMAN,K
13- 145	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 146	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-3.	See CD #3, Doc. TROUTMAN,K
13- 147	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-3.	See CD #3, Doc. TROUTMAN,K
13- 148	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 149	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 150	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-3.	See CD #3, Doc. TROUTMAN,K
13- 151	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 152	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-3.	See CD #3, Doc. TROUTMAN,K
13- 153	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company, Illinois Ordnance Plant, Page B-3.	See CD #3, Doc. TROUTMAN,K
13- 154	ACO 4997. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Former Illinois Ordnance Plant, Uncharacterized Sites Report, dated August 7, 1991, Page 22.	See CD #2, Doc. No. 00026036
13- 155	Interview with Mr. Art Boles as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations/Ownership History, Crab Orchard National Wildlife Refuge, Appendix B, Page B-14.	See CD #3, Doc. BOLES,A
13- 156	Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-14A
13- 157	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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13- 158	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 159	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 160	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 33.	See CD #1, Doc. No. 00009321
13- 161	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 33.	See CD #1, Doc. No. 00009321
13- 162	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 6.	See CD #1, Doc. No. 00009321
13- 163	Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-14A
13- 164	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 165	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 166	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 167	Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-14A
13- 168	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 169	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 170	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 171	Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-14A
13- 172	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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13- 173	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 174	DPRA Document No. 00007513. Amendment No. 2 to Lease Contract No. 14-16-0003-12613, Olin Mathieson Chemical Corporation, Technical Systems Operation, dated January 1, 1969.	See CD #1, Doc. No. 00007513
13- 175	Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-14A
13- 176	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 177	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 178	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 179	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 26.	See CD #1, Doc. No. 00009321
13- 180	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 6.	See CD #1, Doc. No. 00009321
13- 181	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 24.	See CD #1, Doc. No. 00009321
13- 182	DPRA Document No. 00007513. Amendment No. 2 to Lease Contract No. 14-16-0003-12613, Olin Mathieson Chemical Corporation, Technical Systems Operation, dated January 1, 1969.	See CD #1, Doc. No. 00007513
13- 183	DPRA Document No. 00004388. Olin, Inter Office Memo entitled "Scrap Loading Docks," dated October 7, 1970, Page 2.	See CD #1, Doc. No. 00004388
13- 184	PRI-002629. Olin, 1975 Safety Performance, Technical Systems Operation, Marion, Illinois, Table entitled "Scrap Packaging & Storage I-1-12."	See CD #1, Doc. No. 00015383
13- 185	DPRA Document No. PRI-006677. Olin, Inter Office Memo entitled "I Area Third Quarter Hazard Audit," dated October 11, 1977.	See CD #1, Doc. No. 00015490
13- 186	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 187	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 188	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988.	See CD #2, Doc. No. 00027151

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13- 189	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988, Page 5 and Table 1.	See CD #2, Doc. No. 00027151
13- 190	DPRA Document No. 00014727. Olin, Radiation Safety Training Program, Safety Procedure 116, dated December 1987, Page 5.	See CD #1, Doc. No. 00014727
13- 191	DPRA Document No. 00014461. Olin, Inter Office Memo entitled "February, 1988 Radiation Safety Meeting, dated February 10, 1988, Page 2.	See CD #1, Doc. No. 00014461
13- 192	DPRA document No. 00016642. Olin, 1988 Safety Audit Action Items, dated March 7, 1988.	See CD #2, Doc. No. 00016642
13- 193	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 194	PRI-016550. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
13- 195	PRI-016714. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 196	PRI-016714. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 197	PRI-016714. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 198	PRI-016550. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
13- 199	DPRA Document No. 00020663. Olin, Inter Office Memo entitled "EPA Boiler Operating Permits," dated August 14, 1975.	See CD #2, Doc. No. 00020663
13- 200	DPRA Document No. 00026279. Olin Inter Office Memo entitled "TSO Water Discharges," dated March 18, 1981.	See CD #2, Doc. No. 00026279
13- 201	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 202	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 203	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 204	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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13- 205	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 206	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 207	DPRA Document No. 00017649. Amendment No. 2 to Building and Igloos Lease Contract No. 14-16-0003-96-579, PRIMEX Technologies, Inc., dated July 1, 1998.	See CD #2, Doc. No. 00017649
13- 208	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 209	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 210	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 211	1965 and 1971 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 212	PRI-003274. Olin inter office memorandum entitled "50 Cal. Special Safety Committee," dated November 8, 1984.	See CD #2, Doc. No. 00016190
13- 213	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 214	PRI-016550. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
13- 215	PRI-00255. Map of I Area as an attachment to an Olin inter office memorandum entitled "Explosive Sumps," dated June 3, 1977.	See CD #1, Doc. No. 00013484
13- 216	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 217	DPRA Document No. 00015741. Olin, Inter Office Memo entitled "Hi-Lite Report – September, 1987," dated September 25, 1987.	See CD #1, Doc. No. 00015741
13- 218	DPRA Document No. 00014267/PRI-013188. Olin Defense Systems Ordnance, Receiving Report dated February 2, 1991.	See CD #1, Doc. No. 00014267
13- 219	DPRA Document No. 00014355/PRI-013182. Olin Defense Systems Ordnance, Receiving Report dated February 2, 1991.	See CD #1, Doc. No. 00014355

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13- 220	DPRA Document No. 00014185/PRI-013174. Olin Defense Systems Ordnance, Receiving Report dated February 2, 1991.	See CD #1, Doc. No. 00014185
13- 221	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 222	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 223	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 224	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 225	FWM 001252 – FWM 001257. Lease Contract No. 14-19-003-2694, Lands Designation M-22, by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1956.	See CD #2, Doc. No. 00021836
13- 226	DOI 007693 – DOI 007711. Lease Contract No. 14-16-0003-4751, Lands Designation M-22 by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1961; and DOI 007714. Fish and Wildlife Service, Letter to Sangamo Electric Company relieving Sangamo Electric Company of the terms and conditions under Lease No. 14-16-0003-4751, dated March 20, 1962.	See CD #2, Doc. No. 00022923
13- 227	DPRA Document No. 00007503. Lease, Contract No. 14-16-0003-12613, dated January 1, 1967.	See CD #1, Doc. No. 00007503
13- 228	PRI-004089. Olin inter office memorandum entitled "Safety Inspection Mix Area," dated July 24, 1970.	See CD #1, Doc. No. 00012186
13- 229	PRI-004089. Olin inter office memorandum entitled "Safety Inspection Mix Area," dated July 24, 1970.	See CD #1, Doc. No. 00012186
13- 230	PRI-004089. Olin inter office memorandum entitled "Safety Inspection Mix Area," dated July 24, 1970.	See CD #1, Doc. No. 00012186
13- 231	Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
13- 232	DPRA Document No. 00011389/PRI-014851 to PRI-015001. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 233	DPRA Document No. 00011389/ PRI-014933. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 234	DPRA Document No. 00011389/PRI-014926. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 235	DPRA Document No. 00011389/PRI-014947. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)

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13- 236	PRI-006677. Olin, Inter Office Memo entitled "I Area Third Quarter Hazard Audit," dated October 11, 1977.	See CD #1, Doc. No. 00015490
13- 237	PRI-002906. Olin, Accident Investigation, September 27, 1977 Accident in # 2 Charger Bay, Bldg. I-1-20, Page 7.	See CD #1, Doc. No. 00015301
13- 238	PRI-002900 to PRI-002909. Olin, Accident Investigation, September 27, 1977 Accident in # 2 Charger Bay, Bldg. I-1-20.	See CD #1, Doc. No. 00015301
13- 239	PRI-002907. Olin, Accident Investigation, September 27, 1977 Accident in # 2 Charger Bay, Bldg. I-1-20, Page 8.	See CD #1, Doc. No. 00015301
13- 240	PRI-016684. Olin inter office memorandum entitled "I-1-20 20-mm Deprime," dated September 12, 1983.	See CD #2, Doc. No. 00027002
13- 241	PRI-016684. Olin inter office memorandum entitled "I-1-20 20-mm Deprime," dated September 12, 1983.	See CD #2, Doc. No. 00027002
13- 242	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988.	See CD #2, Doc. No. 00027151
13- 243	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988, Page 5 and Table 1.	See CD #2, Doc. No. 00027151
13- 244	PRI-003274. Olin inter office memorandum entitled "50 Cal. Special Safety Committee," dated November 8, 1984.	See CD #2, Doc. No. 00016190
13- 245	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 246	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 247	PRI-016550. Olin Corporation, Olin-Marion Wastewater Discharges/Sources: Group B, Status Report, dated June 1, 1987.	See CD #2, Doc. No. 00026938
13- 248	DPRA Document No. 00016102. Olin, Corrective Action Based on Hollander - Wisely Audit 7/28-7/30-81, Page 2.	See CD #2, Doc. No. 00016102
13- 249	DPRA Document No. 00009999/PRI-005230. Olin, Inter Office Memo entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969.	See CD #1, Doc. No. 00009999
13- 250	DPRA Document No. 00009999/PRI-005230. Olin, Inter Office Memo entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969.	See CD #1, Doc. No. 00009999
13- 251	Deposition of George Wisely, June 28, 1999, Page 96 and Exhibit 3.	See CD #3, Doc. WISELY0628
13- 252	Deposition of John Miller, April 9, 1998, Page 60 and Exhibit 2.	See CD #1, Doc. No. 00004133
13- 253	DPRA Document No. 00009999/PRI-005231. Olin, Inter Office Memo entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969.	See CD #1, Doc. No. 00009999

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13- 254	DPRA Document No. 00025052. Olin, Constituents/Components of Waste Explosive Devices, (no date), Page 1.	See CD #2, Doc. No. 00025052
13- 255	DPRA Document No. 00014468. Olin, Inter Office Memo entitled "November 19 Radiation Committee Meeting," dated December 12, 1986.	See CD #1, Doc. No. 00014468
13- 256	DPRA Document No. 00016642. Olin, 1988 Safety Audit Action Items, dated March 7, 1988.	See CD #2, Doc. No. 00016642
13- 257	DPRA Document No. 00012287. Olin, Inter Office Memo entitled "I-1-20 Phalanx Assembly," dated August 11, 1986.	See CD #1, Doc. No. 00012287
13- 258	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 259	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
13- 260	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 261	1971 and 1980 aerial photographs obtained from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 262	1980 and 1993 aerial photographs obtained from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 263	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 264	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 265	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 266	DPRA Document No. 00022920. Amendment Two to Lease, Sangamo Electric Company, dated September 7, 1955.	See CD #2, Doc. No. 00022920
13- 267	DPRA Document No. 00022920. Amendment Two to Lease, Sangamo Electric Company, dated September 7, 1955.	See CD #2, Doc. No. 00022920
13- 268	DPRA Document No. 00014205. Olin, Rental Adjustment Thru 31 August 1980, Lease Contract No. 14-19-008-2675 and No. 14-16-0003-12613. While no map definitively labels Building I-1-21, the square-footage of this building and its associated annex are the s	See CD #1, Doc. No. 00014205
13- 269	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Figure 2. The building identified as most likely	See CD #3, Doc. ENTECH2000

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13- 270	DPRA Document No. 00007503. Lease, Contract No. 14-16-0003-12613, dated January 1, 1967.	See CD #1, Doc. No. 00007503
13- 271	DPRA Document No. 00011389\PRI-014851 to PRI-015001. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 272	DPRA Document No. 00011389/PRI-014926. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 273	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 274	1980 and 1993 aerial photographs obtained from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 275	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 276	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 277	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 278	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 7.	See CD #1, Doc. No. 00009321
13- 279	DPRA Document No. 00007503. Lease, Contract No. 14-16-0003-12613, dated January 1, 1967.	See CD #1, Doc. No. 00007503
13- 280	DPRA Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan, dated July 22, 1997.	See CD #2, Doc. No. 00017531
13- 281	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 282	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 283	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 284	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 7.	See CD #1, Doc. No. 00009321
13- 285	DPRA Document No. 00007503. Lease, Contract No. 14-16-0003-12613, dated January 1, 1967.	See CD #1, Doc. No. 00007503

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13- 286	PRI-004091 - PRI-004092. Olin inter office memorandum entitled "Safety Inspection," dated July 24, 1970.	See CD #1, Doc. No. 00012189
13- 287	PRI-004083. Olin inter office memorandum entitled "Scrap Loading Docks," dated October 7, 1970.	See CD #1, Doc. No. 00012234
13- 288	PRI-004085. Olin inter office memorandum entitled "Loading, Transportation & Disposal of Scrap Pyrotechnic Materials," dated September 10, 1970.	See CD #1, Doc. No. 00012277
13- 289	PRI-016594. Olin inter office memorandum entitled "Explosive Sumps," dated June 3, 1977.	See CD #2, Doc. No. 00026968
13- 290	PRI-016594. Olin inter office memorandum entitled "Explosive Sumps," dated June 3, 1977.	See CD #2, Doc. No. 00026968
13- 291	PRI-016599. Explosive Sump Descriptions, attachment to an Olin inter office memorandum entitled "Explosive Sumps," dated June 3, 1977.	See CD #2, Doc. No. 00026970
13- 292	DPR Document No. 00011389/PRI-014851 to PRI-015001. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 293	DPR Document No. 00011389/ PRI-014933. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 294	DPR Document No. 00011389/PRI-014947. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 295	DPR Document No. 00026729. Olin, Inter Office Memo entitled "Preliminary Report on I-1-23 detonation of a 30mm GAU-8/A HEI Projectile," dated June 25, 1981.	See CD #2, Doc. No. 00026279
13- 296	PRI-00255. Map of I Area as an attachment to an Olin inter office memorandum entitled "Explosive Sumps," dated June 3, 1977.	See CD #1, Doc. No. 00013484
13- 297	PRI-016297. Olin inter office memorandum entitled "Water Discharges," dated February 12, 1982, Page 1.	See CD #2, Doc. No. 00026410
13- 298	PRI-016297. Olin inter office memorandum entitled "Water Discharges," dated February 12, 1982, Page 1.	See CD #2, Doc. No. 00026410
13- 299	PRI-016298. Olin inter office memorandum entitled "Water Discharges," dated February 12, 1982, Page 2.	See CD #2, Doc. No. 00026410
13- 300	PRI-016298. Olin inter office memorandum entitled "Water Discharges," dated February 12, 1982, Page 2.	See CD #2, Doc. No. 00026410
13- 301	PRI-016297. Olin inter office memorandum entitled "Water Discharges," dated February 12, 1982, Page 1.	See CD #2, Doc. No. 00026410
13- 302	PRI-016299. Olin inter office memorandum entitled "Water Discharges," dated February 12, 1982, Page 3.	See CD #2, Doc. No. 00026410

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13- 303	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 304	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 305	DPRA Document No. 00007503. Lease, Contract No. 14-16-0003-12613, dated January 1, 1967.	See CD #1, Doc. No. 00007503
13- 306	DPRA Document No. 00026220. Olin, Inter Office Memo entitled "Smear Sampling Program," dated June 4, 1981.	See CD #2, Doc. No. 00026220
13- 307	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 308	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 309	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 29.	See CD #1, Doc. No. 00009321
13- 310	DPRA Document No. 00007503. Lease, Contract No. 14-16-0003-12613, dated January 1, 1967.	See CD #1, Doc. No. 00007503
13- 311	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988.	See CD #2, Doc. No. 00027151
13- 312	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988, Page 5 and Table 1.	See CD #2, Doc. No. 00027151
13- 313	DPRA Document No. 00014441. Olin, Inter Office Memo entitled "February 1986, Radiation Safety Committee Meeting Minutes," dated March 19, 1986.	See CD #1, Doc. No. 00014441
13- 314	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 315	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 29.	See CD #1, Doc. No. 00009321
13- 316	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 317	DPRA Document No. 15527. CONWR, Memorandum regarding Olin's new lease, dated September 29, 1983.	See CD #1, Doc. No. 00015527
13- 318	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321

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13- 319	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 8, Page 29.	See CD #1, Doc. No. 00009321
13- 320	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 321	DPRA Document No. 15527. CONWR, Memorandum regarding Olin's new lease, dated September 29, 1983.	See CD #1, Doc. No. 00015527
13- 322	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 323	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 8, Page 29.	See CD #1, Doc. No. 00009321
13- 324	DPRA Document No. 00020257/DOI 007811 -- DOI 007813. Southern Illinois University at Carbondale, Attachment #1 to Response to First Set of Information Requests, dated June 29, 1989.	See CD #2, Doc. No. 00020257
13- 325	DPRA Document No. 00023009. Lease Contract No. 14-16-0003-13449 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and The Board of Trustees, Southern Illinois University, dated April 15, 1971.	See CD #2, Doc. No. 00023009
13- 326	DPRA Document No. 00027184. Lease Contract No. 14-16-0003-13,935 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Board of Trustees, Southern Illinois University (Employment Training Center), dated June 1973; and associated amendments.	See CD #2, Doc. No. 00027184
13- 327	DPRA Document No. 00018338. Lease Contract No. 14-16-0003-13,937 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Board of Trustees, Southern Illinois University (Technical & Adult Education), dated June 1973; and associated amendments.	See CD #2, Doc. No. 00018338
13- 328	DPRA Document No. 00027227. Lease Contract No. 14-16-0003-78,004 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Board of Trustees of Southern Illinois University (School of Technical Careers -- Manpower Skill Center), dated June 20, 1977; and associated amendments.	See CD #2, Doc. No. 00027227
13- 329	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 330	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 331	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 8, Page 30.	See CD #1, Doc. No. 00009321
13- 332	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 8, Page 30.	See CD #1, Doc. No. 00009321

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13- 333	ACO 4991. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Former Illinois Ordnance Plant, Uncharacterized Sites Report, dated August 7, 1991, Figure 3-5.	See CD #2, Doc. No. 00026036
13- 334	1965 and 1971 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 335	Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed.	See CD #2, Doc. No. 101-14A
13- 336	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 31.	See CD #1, Doc. No. 00009321
13- 337	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 338	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 31.	See CD #1, Doc. No. 00009321
13- 339	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 340	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 341	1965 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 342	PRI-002626. Olin, 1975 Safety Performance, Technical Systems Operation, Marion, Illinois, Map of I Area Scrap Buildings.	See CD #1, Doc. No. 00015383
13- 343	PRI-016719. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 344	PRI-016598 and PRI-016599. Document entitled "Explosive Sump Descriptions," and a map of the I Area as attachments to an Olin inter office memorandum entitled "Explosive Sumps," dated June 3, 1977.	See CD #1, Doc. No. 00013484; and CD #2, Doc. No. 00026970
13- 345	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 346	1965 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 347	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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13- 348	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 Lease Contracts 14-19-0008-2675 and 14-16-12613, September 5, 1980.	See CD #1, Doc. No. 00013893
13- 349	PRI-016719. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 350	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 351	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 352	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 353	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 354	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 355	1965 and 1971 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 356	DPRA Document No. 00011389/PRI-014926. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 357	DPRA Document No. 00009511. Olin, Inter Office Memo entitled "DCAS Inspection, May 8-10, 1984, dated May 14, 1984.	See CD #1, Doc. No. 00009511
13- 358	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 359	DPRA Document No. 00012281/PRI-003649. Olin, Inter Office Memo entitled "Safety Inspection," dated May 21, 1986.	See CD #1, Doc. No. 00012281
13- 360	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 361	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 362	DPRA Document No. 00017649. Amendment No. 2 to Building and Igloos Lease Contract No. 14-16-0003-96-579, PRIMEX Technologies, Inc., dated July 1, 1998.	See CD #2, Doc. No. 00017649

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13- 363	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 364	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 365	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 366	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 367	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 368	DPRA Document No. 00011389/PRI-014926. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 369	PRI-016719. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 370	DPRA Document No. 00011389/PRI-014935. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 371	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 372	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 373	DPRA Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan, dated July 22, 1997.	See CD #2, Doc. No. 00017531
13- 374	DPRA Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
13- 375	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 376	DPRA Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan, dated July 22, 1997.	See CD #2, Doc. No. 00017531
13- 377	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613U, dated September 5, 1980.	See CD #1, Doc. No. 00013893

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13- 378	DPRa Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area -- North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 379	DPRa Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 380	Industrial Tenant Roster -- March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 381	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 382	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 383	DPRa Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan, dated July 22, 1997.	See CD #2, Doc. No. 00017531
13- 384	DPRa Document No. 00011389/PRI-014926. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 385	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 386	Entech, Inc., 2000, Historical Aerial Photographic Analysis -- Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Figures 2 and 3.	See CD #3, Doc. ENTECH2000
13- 387	Entech, Inc., 2000, Historical Aerial Photographic Analysis -- Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Figures 3 and 4.	See CD #3, Doc. ENTECH2000
13- 388	DPRa Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613U, dated September 5, 1980.	See CD #1, Doc. No. 00013893
13- 389	DPRa Document No. 00011389/PRI-014926, PRI-014935, and PRI-015089. Olin, Technical Systems Operation, 30MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 390	DPRa Document No. 00026971. Olin, Technical Systems Operations, Temporary Standard Operating Procedure, Packaging and Disposal of Flare Mix Scrap from MK-24 Mix House Sump, dated July 23, 1976, Page 2.	See CD #2, Doc. No. 00026971
13- 391	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant -- Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321

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13- 392	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Figures 3 and 4.	See CD #3, Doc. ENTECH2000
13- 393	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Figure 4.	See CD #3, Doc. ENTECH2000
13- 394	PRI-016719. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 395	Many times, Olin noted portable buildings with the letter "P" after the building number.	This footnote either provides additional information or further clarifies the text; no document is referenced.
13- 396	DPRA Document No. 00011389/PRI-014926 and PRI-014935. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 397	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 398	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 399	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Figures 4 and 5.	See CD #3, Doc. ENTECH2000
13- 400	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Figure 4.	See CD #3, Doc. ENTECH2000
13- 401	PRI-016719. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 402	DPRA Document No. 00011389/PRI-014926 and PRI-014935. Olin, Technical Systems Operation, 30 MM GAU 8/A Production Readiness Review, dated September 17, 1975, revised July 1, 1976.	See CD #1, Doc. No. 00011389 (CBI Redacted)
13- 403	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 404	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 405	DPRA Document No. 00026764. Olin, Inter Office Memo entitled "Move of Phalanx (D.U.) Operations August 1984," dated August 9, 1984.	See CD #2, Doc. No. 00026764

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13- 406	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 407	1980 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 408	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I- Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 409	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 410	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 411	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 412	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 413	DPRA Document No. 00027104/PRI-016817. Olin-Marion Wastewater Program, Status 30 July 1986, Drawing entitled "I- Area Load Limits, Staging, Bunkers & Misc. Bldgs.	See CD #2, Doc. No. 00027104
13- 414	DPRA Document No. 00027057/PRI-016719. Wastewater Point Source Survey Report, Final Draft, 11 September 1984, Drawing entitled "I- Area Load Limits, Staging, Bunkers & Misc. Bldgs.	See CD #2, Doc. No. 00027057
13- 415	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I- Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 416	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 417	DPRA Document No. 00012283/PRI-003651. Olin, Safety Inspection Check List "I" Area Bunkers, Staging, Etc., dated May 21, 1986.	See CD #1, Doc. No. 00012283
13- 418	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 419	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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13- 420	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 421	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 422	DPRA Document No. 00012281/PRI-003649. Olin, Inter Office Memo entitled "Safety Inspection," dated May 21, 1986.	See CD #1, Doc. No. 00012281
13- 423	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 424	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 425	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 426	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 427	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 428	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 429	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 430	DPRA Document No. 00012283/PRI-003651. Olin, Safety Inspection Check List "I" Area Bunkers, Staging, Etc., dated May 21, 1986.	See CD #1, Doc. No. 00012283
13- 431	DPRA Document No. 00012281/PRI-003649. Olin, Inter Office Memo entitled "Safety Inspection," dated May 21, 1986.	See CD #1, Doc. No. 00012281
13- 432	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 433	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524

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13- 434	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 435	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 436	DPRA Document No. 00012283/PRI-003651. Olin, Safety Inspection Check List "I" Area Bunkers, Staging, Etc., dated May 21, 1986.	See CD #1, Doc. No. 00012283
13- 437	DPRA Document No. 00026949/PRI-006616. Olin, 1985 Air Source Inventory/OP/Marion/RC, dated October 7, 1985, Page 00008.	See CD #2, Doc. No. 00026949
13- 438	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 439	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 440	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 441	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 442	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 443	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 444	1980 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 445	DPRA Document No. 00012281/PRI-003649. Olin, Inter Office Memo entitled "Safety Inspection," dated May 21, 1986.	See CD #1, Doc. No. 00012281
13- 446	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 447	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 448	DPRA Document No. 00027104/PRI-016817. Olin-Marion Wastewater Program, Status 30 July 1986, Drawing entitled "I- Area Load Limits, Staging, Bunkers & Misc. Bldgs.	See CD #2, Doc. No. 00027104

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
13- 449	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 450	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 451	PRI-016712. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, 11 September 1984.	See CD #2, Doc. No. 00027057
13- 452	DPR A Document No. 00027019/PRI-016692. Olin, Point Source Discharges Inventory by Area, dated December 3, 1984.	See CD #2, Doc. No. 00027019
13- 453	DPR A Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 454	DPR A Document No. 00016642. Olin, 1988 Safety Audit Action Items, dated March 7, 1988.	See CD #2, Doc. No. 00016642
13- 455	DPR A Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 456	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 457	1980 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 458	DPR A Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan.	See CD #2, Doc. No. 00017531
13- 459	DPR A Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 460	DPR A Document No. 00012281/PRI-003649. Olin, Inter Office Memo entitled "Safety Inspection," dated May 21, 1986.	See CD #1, Doc. No. 00012281
13- 461	DPR A Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 462	DPR A Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Pages 12 and 15.	See CD #1, Doc. No. 00015017
13- 463	Industrial Tenant Roster - March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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13- 464	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 465	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 466	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 467	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 468	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613, dated September 5, 1980.	See CD #1, Doc. No. 00013893
13- 469	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 470	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 471	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 472	DPRA Document No. 00027104/PRI-016817. Olin-Marion Wastewater Program, Status 30 July 1986, Drawing entitled "I- Area Load Limits, Staging, Bunkers & Misc. Bldgs.	See CD #2, Doc. No. 00027104
13- 473	DPRA Document No. 00013836/PRI-00462. Map attachment to Olin letter sent to CONWR regarding plans for moving parking in the "I" area, dated April 16, 1985.	See CD #1, Doc. No. 00013836
13- 474	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 475	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 476	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 477	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 478	DPRA Document No. 00007582. Olin, Changes to Building Usage, Lease #14-16-0003-12613.	See CD #1, Doc. No. 00007582

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13- 479	1980 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 480	DPRA Document No. 00007582. Olin, Changes to Building Usage, Lease #14-16-0003-12613.	See CD #1, Doc. No. 00007582
13- 481	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 482	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 483	DPRA Document No. 00007582. Olin, Changes to Building Usage, Lease #14-16-0003-12613.	See CD #1, Doc. No. 00007582
13- 484	DPRA Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan.	See CD #2, Doc. No. 00017531
13- 485	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 486	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 Lease Contracts 14-19-0008-2675 and 14-16-12613, September 5, 1980.	See CD #1, Doc. No. 00013893
13- 487	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 488	DPRA Document No. 00007582. Olin, Changes to Building Usage, Lease #14-16-0003-12613.	See CD #1, Doc. No. 00007582
13- 489	DPRA Document No. 00007582. Olin, Changes to Building Usage, Lease #14-16-0003-12613.	See CD #1, Doc. No. 00007582
13- 490	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 491	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I- Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 492	1980 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 493	DPRA Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan.	See CD #2, Doc. No. 00017531
13- 494	DPRA Document No. 00027104/PRI-016817. Olin-Marion Wastewater Program, Status 30 July 1986, Drawing entitled "I- Area Load Limits, Staging, Bunkers & Misc. Bldgs.	See CD #2, Doc. No. 00027104

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13- 495	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 496	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 497	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 498	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 Lease Contracts 14-19-0008-2675 and 14-16-12613, September 5, 1980.	See CD #1, Doc. No. 00013893
13- 499	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 500	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 501	DPRA Document No. 00027057. Olin Corporation, Wastewater Point Source Survey Report, Final Draft, dated September 11, 1984, Drawing entitled "I Area Load Limits, Staging, Bunkers & Misc. Bldgs.	See CD #2, Doc. No. 00027057
13- 502	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613U, dated September 5, 1980.	See CD #1, Doc. No. 00013893
13- 503	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988.	See CD #2, Doc. No. 00027151
13- 504	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988, Page 5 and Table 1.	See CD #2, Doc. No. 00027151
13- 505	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 506	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 507	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 508	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 509	DPRA Document No. 00007582. Olin, Changes to Building Usage, Lease #14-16-0003-12613.	See CD #1, Doc. No. 00007582

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13- 510	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 511	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 512	1965 and 1971 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 513	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 514	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 for Lease Contracts No. 14-19-008-2675 and No. 14-16-12613U, dated September 5, 1980.	See CD #1, Doc. No. 00013893
13- 515	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 516	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 517	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 518	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 Lease Contracts 14-19-0008-2675 and 14-16-12613, September 5, 1980.	See CD #1, Doc. No. 00013893
13- 519	DPRA Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan, dated July 22, 1997.	See CD #2, Doc. No. 00017531
13- 520	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 521	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 522	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 523	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 Lease Contracts 14-19-0008-2675 and 14-16-12613, September 5, 1980.	See CD #1, Doc. No. 00013893
13- 524	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159

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13- 526	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 527	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 528	DPRA Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan, dated July 22, 1997.	See CD #2, Doc. No. 00017531
13- 529	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 Lease Contracts 14-19-0008-2675 and 14-16-12613, September 5, 1980.	See CD #1, Doc. No. 00013893
13- 530	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 531	1971 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 532	DPRA Document No. 00017531. Primex PCB site plan showing areas by number, I Area North Site Plan, dated July 22, 1997.	See CD #2, Doc. No. 00017531
13- 533	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 534	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 535	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 536	1965 and 197 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 537	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 538	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 Lease Contracts 14-19-0008-2675 and 14-16-12613, September 5, 1980.	See CD #1, Doc. No. 00013893
13- 539	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524

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13- 541	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 542	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 543	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 544	DPRA Document No. 00013893. Olin, Additions to Updated Rental Adjustment Thru 31 August 1980 Lease Contracts 14-19-0008-2675 and 14-16-12613, September 5, 1980.	See CD #1, Doc. No. 00013893
13- 545	DPRA Document No. 00007582. Olin, Changes to Building Usage, Lease #14-16-0003-12613.	See CD #1, Doc. No. 00007582
13- 546	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 547	1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 548	DPRA Document No., 00018999/DOI 001759. Olin, Lease # 14-19-008-2675, Building Usage 2nd Quarter 1981.	See CD #2, Doc. No. 00018999
13- 549	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988.	See CD #2, Doc. No. 00027151
13- 550	DPRA Document No. 00027151. Chem-Nuclear Systems, Inc., Radiological Characterization Report, 20MM Phalanx Operation Areas for Olin Corporation Complex, Marion, Illinois, dated August 1, 1988, Page 5 and Table 1.	See CD #2, Doc. No. 00027151
13- 551	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 552	DPRA Document No. 00016642. Olin, 1988 Safety Audit Action Items, dated March 7, 1988.	See CD #2, Doc. No. 00016642
13- 553	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 554	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3

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13- 556	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 557	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 558	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 559	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 560	DPRA Document No. 00007582. Olin, Changes to Building Usage, Lease #14-16-0003-12613.	See CD #1, Doc. No. 00007582
13- 561	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 562	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 563	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 564	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 565	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 566	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 567	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 568	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 569	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 570	DPRA Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
13- 571	Industrial Tenant Roster -- March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 572	1951 and 1960 aerial photographs 1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland; and, the 1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 573	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 574	FWM 001010. Lease Contract No. 14-16-0003-12876 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Mark Twain Marine Industries, dated October 3, 1968, Page 2.	See CD #2, Doc. No. 00024983
13- 575	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968 , Page 59.	See CD #2, Doc. No. 00025420
13- 576	DPRA Document No. 00025248/CRO 000469. Special Use Permit for Olin, Permit Number SUP-07-76, dated August 29, 1975. This SUP indicates Building #9. This document is used to compare to Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed. This document notes that Building #9 is in the location of Building I-1-95.	See CD #2, Doc. Nos. 00025248 and 101-14A
13- 577	DPRA Document No. 00007587. Building Lease Contract No. 14-16-0003-81-525 by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007587
13- 578	DPRA Document No. 00018833. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-525, Olin Corporation, dated March 1, 1989.	See CD #2, Doc. No. 00018833
13- 579	DPRA Document No. 00025248/CRO 000469. Special Use Permit for Olin, Permit Number SUP-07-76, dated August 29, 1975. This SUP indicates Building #8. This document is used to compare to Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed. This document notes that Building #8 is in the location of Building I-1-96.	See CD #2, Doc. Nos. 00025248 and 101-14A
13- 580	DPRA Document No. 00009535. Olin, Inter Office Memo entitled "Buildings and Contents Behind I-1-3/Request to Move," dated August 20, 1984.	See CD #1, Doc. No. 00009535
13- 581	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area -- North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 582	DOI 007679 -- DOI 007674. Amendment to Lease, Sangamo Electric Company, dated December 17, 1947.	See CD #2, Doc. No. 00022914
13- 583	DPRA Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949.	See CD #1, Doc. No. 00009059
13- 584	1951 aerial photograph 1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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13- 585	DOI 007679 – DOI 007674. Amendment to Lease, Sangamo Electric Company, dated December 17, 1947.	See CD #2, Doc. No. 00022914
13- 586	DOI 007669 – DOI 007672. Lease Renewal Agreement, Sangamo Electric Company, dated February 19, 1951, Pages 1-2.	See CD #2, Doc. No. 00022913
13- 587	DOI 007683 – DOI 007692. Amendment Two to Lease, Sangamo Electric Company, dated September 7, 1955.	See CD #2, Doc. No. 00022920
13- 588	FWM 001252 – FWM 001257. Lease Contract No. 14-19-003-2694, Lands Designation M-22, by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1956.	See CD #2, Doc. No. 00021836
13- 589	DOI 007693 – DOI 007711. Lease Contract No. 14-16-0003-4751, Lands Designation M-22 by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1961; and DOI 007714. Fish and Wildlife Service, Letter to Sangamo Electric Company relieving Sangamo Electric Company of the terms and conditions under Lease No. 14-16-0003-4751, dated March 20, 1962.	See CD #2, Doc. No. 00022923
13- 590	FWM 001010. Lease Contract No. 14-16-0003-12876 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Mark Twain Marine Industries, dated October 3, 1968, Page 2.	See CD #2, Doc. No. 00024983
13- 591	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968 , Page 59.	See CD #2, Doc. No. 00025420
13- 592	DPRA Document No. 00025248/CRO 000469. Special Use Permit for Olin, Permit Number SUP-07-76, dated August 29, 1975. This SUP indicates Building #8. This document is used to compare to Original IOP Plan No.6544-101.14A, last revision December 10, 1945 with later notations added by Refuge personnel. The notations recorded some information about leases, building uses, and buildings that were removed or destroyed. This document notes that Building #8 is in the location of Building I-1-96.	See CD #2, Doc. Nos. 00025248 and 101-14A
13- 593	DPRA Document No. 00007587. Building Lease Contract No. 14-16-0003-81-525 by and between U.S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980.	See CD #1, Doc. No. 00007587
13- 594	DPRA Document No. 00018833. Amendment No. 5 to Building Lease Contract No. 14-16-0003-81-525, Olin Corporation, dated March 1, 1989.	See CD #2, Doc. No. 00018833
13- 595	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 596	DPRA Document No. 00009535. Olin, Inter Office Memo entitled "Buildings and Contents Behind I-1-3/Request to Move," dated August 20, 1984.	See CD #1, Doc. No. 00009535
13- 597	DPRA Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 598	1980 and 1993 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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13- 599	DPR Document No. 00017649. Amendment No. 2 to Building and Igloos Lease Contract No. 14-16-0003-96-579, PRIMEX Technologies, Inc., dated July 1, 1998.	See CD #2, Doc. No. 00017649
13- 600	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 601	DPR Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 602	DPR Document No. 00007524. Building and Igloos Lease Contract No. 14-16-0003-96-579 by and between U. S. Fish and Wildlife Service and PRIMEX Technologies, Inc., 8820 Route 148, Marion, Illinois 62959, dated January 1, 1997.	See CD #1, Doc. No. 00007524
13- 603	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 604	DPR Document No. 00014144. Primex, Attachment (Site Map) to Primex memo entitled "I-Area Depleted Uranium Location Drawings," dated February 11, 1998.	See CD #1, Doc. No. 00014144
13- 605	1993 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 606	DPR Document No. 00015017. Primex Technologies, Attachment C, Procedure 4.13: Plant Emergency Procedures, Procedure 4.14: Contingency Plan Arrangements for Emergencies with Local Authorities, dated December 1996, Page 12.	See CD #1, Doc. No. 00015017
13- 607	DOI 007679 – DOI 007674. Amendment to Lease, Sangamo Electric Company, dated December 17, 1947.	See CD #2, Doc. No. 00022914
13- 608	DPR Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949.	See CD #1, Doc. No. 00009059
13- 609	1951 aerial photograph from the National Archives and Records Administration, College Park, Maryland (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 610	DOI 007679 – DOI 007674. Amendment to Lease, Sangamo Electric Company, dated December 17, 1947.	See CD #2, Doc. No. 00022914
13- 611	DOI 007669 – DOI 007672. Lease Renewal Agreement, Sangamo Electric Company, dated February 19, 1951, Pages 1-2.	See CD #2, Doc. No. 00022913
13- 612	DOI 007683 – DOI 007692. Amendment Two to Lease, Sangamo Electric Company, dated September 7, 1955.	See CD #2, Doc. No. 00022920
13- 613	FWM 001252 – FWM 001257. Lease Contract No. 14-19-003-2694, Lands Designation M-22, by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1956.	See CD #2, Doc. No. 00021836
13- 614	DOI 007693 – DOI 007711. Lease Contract No. 14-16-0003-4751, Lands Designation M-22 by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1961; and DOI 007714. Fish and Wildlife Service, Letter to Sangamo Electric Company relieving Sangamo Electric Company of the terms and conditions under Lease No. 14-16-0003-4751, dated March 20, 1962.	See CD #2, Doc. Nos. 00022923 and 00022929

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13- 615	1965 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
13- 616	DPRA Document No. 00023009. Lease Contract No. 14-16-0003-13449 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and The Board of Trustees, Southern Illinois University, dated April 15, 1971.	See CD #2, Doc. No. 00023009
13- 617	DPRA Document No. 00027184. Lease Contract No. 14-16-0003-13,935 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Board of Trustees, Southern Illinois University (Employment Training Center), dated June 1973; and associated amendments.	See CD #2, Doc. No. 00027184
13- 618	DPRA Document No. 00018338. Lease Contract No. 14-16-0003-13,937 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Board of Trustees, Southern Illinois University (Technical & Adult Education), dated June 1973; and associated amendments.	See CD #2, Doc. No. 00018338
13- 619	DPRA Document No. 00027227. Lease Contract No. 14-16-0003-78,004 by and between U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Board of Trustees of Southern Illinois University (School of Technical Careers – Manpower Skill Center), dated June 20, 1977; and associated amendments.	See CD #2, Doc. No. 00027227
13- 620	1951, 1960, 1971 and 1980 aerial photographs from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah. The 1951 aerial photograph was obtained from the National Archives and Records Administration, College Park, Maryland. These are the same photographs used by Entech, Inc.	See CD #3, directory called: AERIAL PHOTOS
13- 621	Entech, Inc., August 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume I: Text, Page 3-51 and Volume II: Maps, Page DD.	See CD #3, Docs. ENTECHV1 and ENTECHV2
13- 622	Entech, Inc., August 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume I: Text, Page 3-51 and Volume II: Maps, Page DD.	See CD #3, Docs. ENTECHV1 and ENTECHV2
13- 623	Entech, Inc., August 1999. Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion, Illinois, Volume I: Text, Page 3-51 and Volume II: Maps, Page DD.	See CD #3, Docs. ENTECHV1 and ENTECHV2
13- 624	DPRA Document No. CO02159. Olin Ordnance Products, Quantity/Distance Map "I" Area – North Portion, Drawing No. 6000121, dated May 1985.	See CD #2, Doc. No. CO02159
13- 625	These classifications were obtained from the Department of Transportation Hazmat Transport Regulations, 49 CFR 173.58: Assignment of class and division for new explosives.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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13- 626	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 5, Page 8.	See CD #1, Doc. No. 00009321
13- 627	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
13- 628	Refer to RMT, Inc., 2000. Groundwater Investigation Report/Focused Feasibility Study, Crab Orchard National Wildlife Refuge, PCB Operable Unit—Sites 32/33, Revision 1, January 2000; and RMT, Inc., 2001. Preliminary Design Report for the Groundwater Remedial Action, Crab Orchard National Wildlife Refuge, PCB Operable Unit—Sites 32/33, Revision 0, May 2001.	See CD #3. Docs. RMT-1, RMT-2, and RMT-3.
13- 629	Duplicate results were not included in the range except when the maximum value detected was in a duplicate sample. Therefore there may be some duplicate samples with results below the low end of the range reported in the tables, that are not shown in the tables.	This footnote either provides additional information or further clarifies the text; no document is referenced.
13- 630	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/corisk/ecossl.htm
13- 631	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
13- 632	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
13- 633	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
13- 634	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
13- 635	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values - Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
13- 636	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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13- 637	DOI 007663 – DOI 007674. Lease, Sangamo Electric Company, dated September 27, 1946.	See CD #2, Doc. No. 00022912
13- 638	DOI 007679 – DOI 007674. Amendment to Lease, Sangamo Electric Company, dated December 17, 1947.	See CD #2, Doc. No. 00022914
13- 639	DOI 007669 – DOI 007672. Lease Renewal Agreement, Sangamo Electric Company, dated February 19, 1951, Pages 1-2.	See CD #2, Doc. No. 00022913
13- 640	DOI 007683 – DOI 007692. Amendment Two to Lease, Sangamo Electric Company, dated September 7, 1955.	See CD #2, Doc. No. 00022920
13- 641	FWM 001252 – FWM 001257. Lease Contract No. 14-19-003-2694, Lands Designation M-22, by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1956.	See CD #2, Doc. No. 00021836
13- 642	DOI 007693 – DOI 007711. Lease Contract No. 14-16-0003-4751, Lands Designation M-22 by and between Sangamo Electric Company and the U. S. Department of the Interior, Fish and Wildlife Service, dated September 1, 1961; and DOI 007714. Fish and Wildlife Service, Letter to Sangamo Electric Company relieving Sangamo Electric Company of the terms and conditions under Lease No. 14-16-0003-4751, dated March 20, 1962.	See CD #2, Doc. No. 00022923
13- 643	DPRA Document No. 0009369. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January through April, 1959, Page 24.	See CD #1, Doc. No. 00009369
13- 644	CRO 000096. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1966, Table No. 1.	See CD #1, Doc. No. 00009356
13- 645	ACO 000364. U. S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Through April, 1956, Page 16.	See CD #1, Doc. No. 00009401
13- 646	DPRA Document No. 00020257/DOI 007811 – DOI 007813. Southern Illinois University at Carbondale, Attachment #1 to Response to First Set of Information Requests, dated June 29, 1989.	See CD #2, Doc. No. 00020257
13- 647	DPRA Document No. 00020255/DOI 007807 – DOI 007810. Southern Illinois University at Carbondale, Response to First Set of Information Requests, dated June 29, 1989.	See CD #2, Doc. No. 00020257
13- 648	CRO 000085. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1965, Table No. (illegible) (Industrial Leasing, Revenue, & Employment).	See CD #2, Doc. No. 00025416
13- 649	CRO 000075. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Table No. 5.	See CD #2, Doc. No. 00025414
13- 650	CRO 000065. U.S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Narrative Report, September through December, 1963, Page 34.	See CD #2, Doc. No. 00025413
13- 651	DPRA Document No. 00016036. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Through April, 1963, Page 27.	See CD #1, Doc. No. 00016036

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13- 652	DPR A Document No. 00009339. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 47.	See CD #1, Doc. No. 00009339
13- 653	DPR A Document No. 00009339. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1964, Page 47.	See CD #1, Doc. No. 00009339
13- 654	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Figure 3. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH2000
13- 655	DPR A Document No. 00009041. CONWR, Office Memorandum regarding leases at Crab Orchard Refuge, dated April 13, 1948.	See CD #1, Doc. No. 00009041
13- 656	DOI 007811 – DOI 007813. Attachment to SIU's 104(e) response, dated 06/29/89.	See CD #2, Doc. No. 00020257
13- 657	DOI 007808. SIU's response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00020255
13- 658	ISH 000047 – ISH 000048. Illinois Manufacturers Directory – 1964, Pages 709 and 711.	See CD #2, Doc. No. 00025641
13- 659	DPR A Document No. 00009353. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Narrative Report, January through April, 1963, Page 27.	See CD #1, Doc. No. 00009353
13- 660	ISH 000047 – ISH 000048. Illinois Manufacturers Directory – 1964, Pages 709 and 711.	See CD #2, Doc. No. 00025641
13- 661	FWM 001010. Lease Contract No. 14-16-0003-12876 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Mark Twain Marine Industries, dated October 3, 1968, Page 2.	See CD #2, Doc. No. 00024983
13- 662	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968 , Page 59.	See CD #2, Doc. No. 00025420
13- 663	CRO 000111. U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, 1968 , Page 59.	See CD #2, Doc. No. 00025420
13- 664	DPR A Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
13- 665	DPR A Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 2; and DPR A Document No. 00009081. CONWR, Lease Data – Industrial Unit, Crab Orchard Refuge, dated August 31, 1949, Page 1.	See CD #1, Doc. Nos. 00009059 and .0009081
13- 666	DPR A Document No. 00009071. CONWR, Lease Data – Industrial Unit, Crab Orchard Refuge, dated January 4, 1950, Page 1.	See CD #1, Doc. No. 00009071
13- 667	CRO 001366. Amendment No. 1 to Lease Contract No. 14-16-0003-30,634, Mental Health Services of Franklin and Williamson Counties, Inc., dated June 1, 1974.	See CD #2, Doc. No. 00025116

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13- 668	CRO 0001368. Amendment No. 5 to Lease Contract No. 14-16-0003-30,634, Mental Health Services of Franklin and Williamson Counties, Inc., dated February 29, 1976.	See CD #2, Doc. No. 00025121
13- 669	DOI 007813. Attachment to SIU's 104(e) response, dated 06/29/89.	See CD #2, Doc. No. 00020257
13- 670	DOI 000571 – DOI 000572. Building Lease Contract No. 14-16-0003-82-534 by and between U. S. Fish and Wildlife Service and Diagraph Bradley Industries, Inc., dated April 1, 1982, Pages 1-2 (this document is Attachment B to Diagraph's response to 104(e) request).	See CD #2, Doc. No. 00018243
13- 671	DPRA Document No. 00007094. Amendment No. 7 to Building Lease Contract No. 14-16-0003-82-534, dated June 1, 1988.	See CD #1, Doc. No. 00007094
13- 672	DOI 007813. Attachment to SIU's 104(e) response, dated 06/29/89.	See CD #2, Doc. No. 00020257
13- 673	DOI 000571 – DOI 000572. Building Lease Contract No. 14-16-0003-82-534 by and between U. S. Fish and Wildlife Service and Diagraph Bradley Industries, Inc., dated April 1, 1982, Pages 1-2 (this document is Attachment B to Diagraph's response to 104(e) request).	See CD #2, Doc. No. 00018243
13- 674	DPRA Document No. 00007094. Amendment No. 7 to Building Lease Contract No. 14-16-0003-82-534, dated June 1, 1988.	See CD #1, Doc. No. 00007094
13- 675	DOI 007813. Attachment to SIU's 104(e) response, dated 06/29/89.	See CD #2, Doc. No. 00020257
13- 676	DPRA Document No. 00009075. Undated Refuge lease information document showing new leases up until 10/1/49, from the CONWR files.	See CD #1, Doc. No. 00009075
13- 677	DPRA Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 9.	See CD #1, Doc. No. 00009059
13- 678	DPRA Document No. 00009060. Crab Orchard National Wildlife Refuge, Industrial Area (Tenant Listing).	See CD #1, Doc. No. 00009060
13- 679	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
13- 680	DOI 001199. Olin's response to First Set of Information Requests, Page 4.	See CD #1, Doc. No. 00004610
13- 681	Interview with Mr. Norm Thomas as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations and Ownership History, Crab Orchard National Wildlife Refuge, Page B-1.	See CD #3, Doc. THOMAS,N
13- 682	DPRA Document No. CO02156. Olin Ordnance Products, Quantity/Distance B-Area Map, Drawing No. 6020063, dated June 1985. This map was likely developed to indicate explosives allowances in buildings and to ensure safe distances between these buildings based on the type of explosive and the amount present.	See CD #2, Doc. No. CO02156
13- 683	These classifications were obtained from the Department of Transportation Hazmat Transport Regulations, 49 CFR 173.58: Assignment of class and division for new explosives.	This footnote either provides additional information or further clarifies the text; no document is referenced.
13- 684	This indicated either the maximum amount allowed in a particular building/bay, or it indicated the amount that was actually located in these buildings at the time the map was created.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
14- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant, Carbondale, Illinois, Part 1, Section 5, Page 14, (Plan No. 6544-101.28).	See CD #1, Doc. No. 00009321
14- 2	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 59 and Figures 3 and 4. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH2000
14- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant, Carbondale, Illinois, Part 1, Section 5, Page 14, (Plan No. 6544-101.28).	See CD #1, Doc. No. 00009321
14- 4	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 57 and Figure 1.	See CD #3, Doc. ENTECH2000
14- 5	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 57 and Figure 2.	See CD #3, Doc. ENTECH2000
14- 6	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 57 and Figure 1.	See CD #3, Doc. ENTECH2000
14- 7	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 61 and Figure 5.	See CD #3, Doc. ENTECH2000
14- 8	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 57 and Figure 2.	See CD #3, Doc. ENTECH2000
14- 9	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 57 and Figure 2.	See CD #3, Doc. ENTECH2000
14- 10	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 59.	See CD #3, Doc. ENTECH2000
14- 11	ACO 005047 - ACO 005109. Office of Field Director of Ammunition Plants, Shut-Down and Decontamination Procedures for F.D.A.P. Facilities.	See CD #2, Doc. No. 00026036
14- 12	ACO 004979 – ACO 004980. CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00026036
14- 13	DPRA Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949.	See CD #1, Doc. No. 00009059
14- 14	John Mahan, personal interview, September 2, 1999.	See CD #3, Doc. MAHAN,J

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
14- 15	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 59 and Figure 4.	See CD #3, Doc. ENTECH2000
14- 16	John Mahan, personal interview, September 2, 1999.	See CD #3, Doc. MAHAN,J
14- 17	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 61 and Figure 5.	See CD #3, Doc. ENTECH2000
14- 18	DPRA Document No. 00009059. CONWR, Lease Data for Industrial Unit, Crab Orchard National Wildlife Refuge, dated June 1, 1951, Page 17.	See CD #1, Doc. No. 00009059
14- 19	DPRA Document No. 00009039. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949.	See CD #1, Doc. No. 00009039
14- 20	Deposition of Mr. John Miller, April 9, 1998, Pages 80 and 81.	See CD #1, Doc. No. 00004133
14- 21	Deposition of George Wisely, June 28, 1999, Page 52.	See CD #3, Doc. WISELY0628
14- 22	DOI 004465, DOI 004467, and DOI 004469. Olin document submitted as part of their Section 104(e) response regarding open burning at the Refuge.	See CD #2, Doc. No. 00021620
14- 23	CRO 001662. CONWR, Letter to Trojan – U. S. Powder regarding discontinuing open burning at the Refuge, dated March 17, 1970.	See CD #2, Doc. No. 00025722
14- 24	Deposition of George Wisely, June 28, 1999, Pages 49-50.	See CD #3, Doc. WISELY0628
14- 25	Deposition of Mr. John Miller, April 9, 1998, Pages 131 and 132.	See CD #1, Doc. No. 00004133
14- 26	DOI 004465. Olin document submitted as part of their Section 104(e) response regarding open burning at the Refuge.	See CD #2, Doc. No. 00021620
14- 27	Deposition of Mr. John Miller, April 9, 1998, Page 81.	See CD #1, Doc. No. 00004133
14- 28	PRI 005214. Olin Corporation, Final Investigation Report, Burning Ground Incident of 5 February 1970, dated February 26, 1970, Page 13. Note, the Bates identification number for Page 13 is not fully legible; because the previous page is identified as PRI-005213, it is assumed that Page 13 is PRI-005214.	See CD #1, Doc. No. 00009984
14- 29	DOI 004465. Olin document submitted as part of their Section 104(e) response regarding open burning at the Refuge.	See CD #2, Doc. No. 00021620
14- 30	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 59 and Figure 3.	See CD #3, Doc. ENTECH2000
14- 31	PRI 005202. Olin Corporation, Final Investigation Report, Burning Ground Incident of 5 February 1970, dated February 26, 1970, Page 1.	See CD #1, Doc. No. 00009984
14- 32	PRI 005214. Olin Corporation, Final Investigation Report, Burning Ground Incident of 5 February 1970, dated February 26, 1970, Page 13.	See CD #1, Doc. No. 00009984

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14- 33	PRI 005202. Olin Corporation, Final Investigation Report, Burning Ground Incident of 5 February 1970, dated February 26, 1970, Page 1.	See CD #1, Doc. No. 00009984
14- 34	PRI 005202. Olin Corporation, Final Investigation Report, Burning Ground Incident of 5 February 1970, dated February 26, 1970, Page 1.	See CD #1, Doc. No. 00009984
14- 35	PRI 005218. Olin, Standard Operating Procedure for Explosive Waste Burning Grounds, SOP No. 90,157.	See CD #1, Doc. No. 00009995
14- 36	PRI 005202. Olin Corporation, Final Investigation Report, Burning Ground Incident of 5 February 1970, dated February 26, 1970, Page 1.	See CD #1, Doc. No. 00009984
14- 37	PRI 005218. Olin, Standard Operating Procedure for Explosive Waste Burning Grounds, SOP No. 90,157.	See CD #1, Doc. No. 00009995
14- 38	Deposition of George Wisely, June 28, 1999, Page 78.	See CD #3, Doc. WISELY0628
14- 39	PRI 005223. Olin, Inter Office Memorandum entitled "Disposal of Explosive Waste," date is illegible, Page 1.	See CD #1, Doc. No. 00009999
14- 40	PRI 005228. Olin, Inter Office Memorandum entitled "Explosive Waste Procedures," dated November 18, 1969, Page 1.	See CD #1, Doc. No. 00009999
14- 41	PRI 005230. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 1.	See CD #1, Doc. No. 00004409
14- 42	PRI 005219 -- PRI-005220. Olin, Standard Operating Procedure for Explosive Waste Burning Grounds, SOP No. 90,157.	See CD #1, Doc. No. 00009995
14- 43	PRI 005223. Olin, Inter Office Memorandum entitled "Disposal of Explosive Waste," date is illegible, Page 1.	See CD #1, Doc. No. 00009999
14- 44	Deposition of Robert Myers, April 10, 1998, Pages 88-89.	See CD #1, Doc. No. 00004173
14- 45	PRI 005220. Olin, Standard Operating Procedure for Explosive Waste Burning Grounds, SOP No. 90,157.	See CD #1, Doc. No. 00009995
14- 46	PRI 005221. Olin, Standard Operating Procedure for Explosive Waste Burning Grounds, SOP No. 90,157.	See CD #1, Doc. No. 00009995
14- 47	PRI 005224. Olin, Inter Office Memorandum entitled "Scrap Explosive Burning Ground," date is illegible, Page 1.	See CD #1, Doc. No. 00004409
14- 48	PRI 005225. Olin, Inter Office Memorandum entitled "Scrap Explosive Burning Grounds," date is illegible, Page 1.	See CD #1, Doc. No. 00004409
14- 49	PRI 005232. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 3.	See CD #1, Doc. No. 00004409
14- 50	PRI 005230. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 1.	See CD #1, Doc. No. 00004409
14- 51	PRI 005230. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 1.	See CD #1, Doc. No. 00004409

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14- 52	PRI 005223. Olin, Inter Office Memorandum entitled "Disposal of Explosive Waste," date is illegible, Page 1.	See CD #1, Doc. No. 00009999
14- 53	PRI 005228. Olin, Inter Office Memorandum entitled "Explosive Waste Procedures," dated November 18, 1969, Page 1.	See CD #1, Doc. No. 00009999
14- 54	PRI 005230. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 1.	See CD #1, Doc. No. 00004409
14- 55	PRI 005230. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 1.	See CD #1, Doc. No. 00004409
14- 56	PRI 005231. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 2.	See CD #1, Doc. No. 00004409
14- 57	PRI 005231. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 2.	See CD #1, Doc. No. 00004409
14- 58	PRI 005231. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 2.	See CD #1, Doc. No. 00004409
14- 59	PRI 005231. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 2.	See CD #1, Doc. No. 00004409
14- 60	PRI 005231. Olin, Inter Office Memorandum entitled "Procedures for Explosive Waste Burning at TSO," dated November 18, 1969, Page 2.	See CD #1, Doc. No. 00004409
14- 61	DOI 004465. Olin document submitted as part of their Section 104(e) response regarding open burning at the Refuge.	See CD #2, Doc. No. 00021620
14- 62	DOI 004465. Olin document submitted as part of their Section 104(e) response regarding open burning at the Refuge.	See CD #2, Doc. No. 00021620
14- 63	Lupersol is a synonym for methyl ethyl ketone peroxide (CAS No. 1338-23-4) and it is used in reinforced plastics according to the Environmental Defense Scorecard for this chemical (located at www.scorecard.org). Lupersol may have also contained several admixtures such as: toluene, mineral spirits, di-octyl phthalate, di-methyl phthalate, di-butyl phthalate, methyl ethyl ketone, butyl benzyl phthalate, etc., as seen in MSDS for various forms of the chemical (located at www.hazard.com).	See CD #3, Doc. LUPERSOL
14- 64	PRI 005210. Olin Corporation, Final Investigation Report, Burning Ground Incident of 5 February 1970, dated February 26, 1970, Page 9.	See CD #1, Doc. No. 00009984
14- 65	Deposition of Mr. John Miller on April 9, 1998, Page 161.	See CD #1, Doc. No. 00004133
14- 66	Deposition of Mr. John Miller on April 9, 1998, Page 161.	See CD #1, Doc. No. 00004133
14- 67	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 57 and Figure 2.	See CD #3, Doc. ENTECH2000

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14- 68	Entech, Inc., 2000, Historical Aerial Photographic Analysis – Selected Area Facilities: Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge (CONWR), Marion Illinois, Page 59.	See CD #3, Doc. ENTECH2000
14- 69	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis – Final Report. Former Illinois Ordnance Plant – Marion, Illinois, October. Pages 2-50.	See CD #2, Doc. No. 00030064
14- 70	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis – Final Report. Former Illinois Ordnance Plant – Marion, Illinois, October. Pages 2-50.	See CD #2, Doc. No. 00030064
14- 71	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
14- 72	John Mahan, personal interview, September 2, 1999.	See CD #3, Doc. MAHAN,J
14- 73	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
14- 74	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
14- 75	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
14- 76	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
14- 77	Efroymson, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymson, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/rep_orts.html
14- 78	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
14- 79	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf

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14- 80	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
14- 81	USEPA. 1999a. National Recommended Water Quality Criteria--Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
14- 82	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
14- 83	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins - Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
14- 84	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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15- 1	Commercial Solvents Corporation (CSC) was acquired by International Minerals and Chemical Corporation (IMC) in 1975 and changed its name, first to IMC Chemical Group, Inc. (IMC) and later to IMCERA Group, Inc. (IMCERA). In 1994, IMCERA changed its name to Mallinckrodt Group, Inc.; in 1996, the name was changed to Mallinckrodt, Inc. In this report, "CSC" is generally used to refer to the original company, its successors and its divisions, including U.S. Powder Company (U.S. Powder) and Trojan Powder Company (Trojan).	This footnote either provides additional information or further clarifies the text; no document is referenced.
15- 2	From the time that Load Line II began operations on August 24, 1942 through April 1, 1943, the following shells were produced: Shells, Semi-fired, HE [High Explosive], M1W/P[M1 White Phosphorus], M48A1, 105mm Howitzer, M2 and M2A1. On April 1, 1943, Load Line II was converted to produce the following 500-pound (lb) bombs: 500-lb General Purpose [G.P.] Bombs, AN-M64 [Ammonium Nitrate-M64]). Sometime later, the following mines were manufactured: Mines, AT [Anti-Tank], High Explosive, M1A1. This line was later reconverted for the manufacture of 105mm shells. References: NAR 000042. Illinois Ordnance Plant, Illinois Ordnance Plant Historical Record, August 18, 1941 through December 31, 1942, Page 37. NAR 000128. Illinois Ordnance Plant, Illinois Ordnance Plant Historical Record, January 1, 1943 through March 31, 1943, Appendix E. U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 2, Section 1, Page 3. NAR 000559. Illinois Ordnance Plant, Illinois Ordnance Plant Historical Record, April 1, 1944 through June 1, 1944, Page 15.	See CD #1, Doc. No. 00009321; and CD #2, Doc. Nos. 00023020, 00023027, 00023047
15- 3	Interview with Mr. Kermit Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin Williams Company, Illinois Ordnance Plant, Pages B-1 through B-5.	See CD #3, Doc. TROUTMAN,K
15- 4	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 2-14 and 2-15.	See CD #2, Doc. No. 00026221
15- 5	DPPA Document No. 00010780. US Army Toxic and Hazardous Materials Agency, 1980, Archive Search Report for the Former (Crab Orchard) Illinois Ordnance Plant, Marion Illinois, Report No. A008, Page 1.	See CD #1, Doc. No. 00010780
15- 6	NAR 000559. Illinois Ordnance Plant, Illinois Ordnance Plant Historical Record, April 1, 1944 through June 1, 1944, Page 15.	See CD #2, Doc. No. 00023047
15- 7	NAR 000691. War Department, Illinois Ordnance Plant memorandum, dated October 30, 1945, regarding Quarterly History Illinois Ordnance Plant for Period 1 July 1945 to 30 September 1945.	See CD #2, Doc. No. 00023055
15- 8	ACO 000128. Interview with Mr. Virgil Hollis as found in Appendix H, Page H-7, of an unidentified report.	See CD #2, Doc. No. 00024547
15- 9	DOI 001433. Ninth Amendment and Codification of Lease, Olin Lease No. 14-19-008-2675, dated October 1, 1963, Page 7. On pages 5 and 6, the lease prohibited the manufacture of chemicals and acids or other ingredients that were not necessary to the manufacture or production of explosives or related products. It allowed Olin to dispose of any excess quantities of chemicals, acids or ingredients that it did not need for the manufacture or production of its products (page 6). It contained limitations on the testing of explosives, including restrictions on the time and number of sticks of dynamite exploded (page 16).	See CD #2, Doc. No. 00018767
15- 10	PRI-00481. Olin Mathieson Chemical Corporation, Letter to Commercial Solvents Corporation regarding the Agreement between Olin and Commercial Solvents, dated September 24, 1963, Page 1.	See CD #1, Doc. No. 00013851

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
15- 11	DOI 004849. Agreement between Olin Mathieson Chemical Corporation and Commercial Solvents Corporation, dated August 28, 1963, Page 4, Article 1, Paragraph 5(d).	See CD #2, Doc. No. 00021375
15- 12	The name of CSC's U.S. Powder division was apparently later changed to Trojan. In the Petition for Variance (CRO 001684), IMC refers to "its Trojan Division." Trojan was later spun off as a separate company, and changed its name to Ensign Bickford Industries.	See CD #2, Doc. No. 00025765
15- 13	DOI 004980. Bill of Sale, Conveyance and Assignment, between Olin Mathieson Chemical Corporation and Commercial Solvents Corporation, dated October 1, 1963, Page 4, Paragraph 2(c).	See CD #2, Doc. No. 00021564
15- 14	Cyclotol and Composition B are mixtures of RDX and TNT. Composition A-3 is RDX with wax. Composition C is RDX with a plasticizer. Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 8-32 and 8-100 through 8-111.	See CD #2, Doc. No. 00026221
15- 15	ACO 000330, IMC internal memorandum from J.M. Kelly to R.R. Barra regarding Shut Down - Decontamination - Marion, dated April 2, 1981.	See CD #1, Doc. No. 00005607
15- 16	CRO 001684. Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), September 1977.	See CD #2, Doc. No. 00025765
15- 17	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
15- 18	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
15- 19	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 8, Pages 7 and 33.	See CD #1, Doc. No. 00009321
15- 20	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 3, Section 2, Page 7.	See CD #1, Doc. No. 00009321
15- 21	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
15- 22	PRI-00494. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 1.	See CD #1, Doc. No. 00013855
15- 23	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH11
15- 24	PRI-00503. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 2.	See CD #1, Doc. No. 00013857
15- 25	PRI-00503. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 2.	See CD #1, Doc. No. 00013857
15- 26	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH11

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
15- 27	PRI-00494. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 1.	See CD #1, Doc. No. 00013855
15- 28	PRI-00503. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 2.	See CD #1, Doc. No. 00013857
15- 29	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-94.	See CD #2, Doc. No. 00026221
15- 30	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down – Decontamination – Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
15- 31	The Olin Switch House Station (Building 35A) was removed and replaced by a new Switch House Station (Building 35-1) in a different location.	This footnote either provides additional information or further clarifies the text; no document is referenced.
15- 32	Buildings 40-A, 41-A, 41-B, and 46-A were renumbered 40-1, 41-1, 41-2, and 46-1, respectively.	This footnote either provides additional information or further clarifies the text; no document is referenced.
15- 33	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH11
15- 34	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 4 and 5.	See CD #3, Doc. ENTECH11
15- 35	These buildings were referenced in the contract as II-1-8, II-1-11, II-1-7, II-1-9, and II-1-33, respectively.	This footnote either provides additional information or further clarifies the text; no document is referenced.
15- 36	USFWS file for Contract No. 14-16-0003-89-0033, White Equipment – Building Demolition.	See CD #2, Doc. No. 89-0033
15- 37	O'Brien & Gere, 1988, Remedial Investigation Report, Crab Orchard National Wildlife Refuge, Volume I, Final Report, Pages 11-1 – 11-5.	See CD #2, Doc. No. 00022621
15- 38	Woodward Clyde Consultants, 1988, Final Confirmation Study at Crab Orchard National Wildlife Refuge, Hampton Cemetery and Ammunition Plant Dera Site, Volume I, Figure 3.45.	See CD #2, Doc. No. 00030126
15- 39	Environmental Science & Engineering, Inc., 1994, Draft Final Remedial Investigation/Baseline Risk Assessment Report, Explosives/Munitions Manufacturing Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I, Remedial Investigation (RI) Report, Page 4-77.	See CD #2, Doc. No. 00028035
15- 40	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-36.	See CD #2, Doc. No. 00030064
15- 41	O'Brien & Gere, 1988, Remedial Investigation Report, Crab Orchard National Wildlife Refuge, Volume I, Final Report, Page 11-1.	See CD #2, Doc. No. 00022621

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
15- 42	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
15- 43	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
15- 44	Woodward Clyde Consultants, 1988, Final Confirmation Study at Crab Orchard National Wildlife Refuge, Hampton Cemetery and Ammunition Plant Dera Site.	See CD #2, Doc. No. 00030126
15- 45	Environmental Science and Engineering, Inc., 1994, Draft Final Remedial Investigation/Baseline Risk Assessment Report, Explosives/Munitions Manufacturing Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I, Remedial Investigation (RI) Report.	See CD #2, Doc. No. 00028035
15- 46	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-36 through 2-44.	See CD #2, Doc. No. 00030064
15- 47	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-36 through 2-44.	See CD #2, Doc. No. 00030064
15- 48	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
15- 49	U.S. Patent 106,455, Filed 06/01/61, Ammonium Nitrate Explosives Containing Chromates, as found in DPRA Document No. 00022521, Exhibit B to Sales Contract between Olin Mathieson Chemical Corporation and Commercial Solvents Corporation.	See CD #2, Doc. No. 00022521
15- 50	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft.	This footnote either provides additional information or further clarifies the text; no document is referenced.
15- 51	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/lecorisk/ecossl.htm
15- 52	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
15- 53	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. <i>Rev Environ. Contam. Toxicol</i> 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
15- 54	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
15- 55	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqef/index.html
15- 56	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
15- 57	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
15- 58	MacDonald, D.D., Ingersoll, C.G., Berger, T.A. 1999. Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems. MacDonald Environmental Services Ltd., British Columbia, Canada.	Publicly available at http://www.cerc.cr.usgs.gov/pubs/center/pdfDocs/91126.pdf
15- 59	Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.C. Canfield, F.J. Dwyer, C. E. Henke, N.E. Kemble, D.R. Mount, and R.G. Fox. 1996. Calculation and evaluation of sediment effect concentrations for the amphipod <i>Hyalella azteca</i> and the midge <i>Chironomus riparius</i> . <i>J. Great Lakes Res.</i> 22(3):602-623.	Publicly available from the <u>Journal of Great Lakes Research</u> , Volume 22, Number 3, Pages 602 to 623
15- 60	Ontario Ministry of Environment and Energy. 1995. Ontario's Approach to Sediment Assessment and Remediation. Second SETAC World Congress (16TH Annual Meeting). Vancouver, British Columbia, Canada.	Publicly available from Rein Jaagumagi, Ontario Ministry of Environment and Energy at 416-235-6252
15- 61	NOAA. 1999. Screening quick Reference Tables. National Oceanic and Atmospheric Administration HAZMAT Report 99-1, Seattle Washington.	Publicly available at http://response.restoration.noaa.gov/cpr/sediment/squirt/squirt.html
15- 62	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
15- 63	Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. <i>Environ. Management.</i> 19(1): 81-97.	Publicly available from the <u>Journal Environmental Management</u> , Volume 19, Issue 1, Pages 81 to 97
15- 64	USEPA. 1999a. National Recommended Water Quality Criteria--Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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15- 65	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
15- 66	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
15- 67	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
16- 1	A more detailed description of the TNT loading operation is included in Section 12. Much of the detailed information was obtained from a former SWDC Load Line III employee, Kermit Troutman, and, because of the similarity of the load lines, is assumed to be applicable to Load Line II.	This footnote either provides additional information or further clarifies the text; no document is referenced.
16- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Pages 28 and 29.	See CD #1, Doc. No. 00009321
16- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 31.	See CD #1, Doc. No. 00009321
16- 4	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 7.	See CD #1, Doc. No. 00009321
16- 5	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 32.	See CD #1, Doc. No. 00009321
16- 6	ACO 4997. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Former Illinois Ordnance Plant, Uncharacterized Sites Report, dated August 7, 1991, Page 22.	See CD #2, Doc. No. 00026036
16- 7	Assumptions about loading operations are based in part on Kermit Troutman's description of loading bomb casings at the Group III Load Line. See Section 12 for details.	This footnote either provides additional information or further clarifies the text; no document is referenced.
16- 8	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
16- 9	ACO 4989. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Former Illinois Ordnance Plant, Uncharacterized Sites Report, dated August 7, 1991, Figure 3-3.	See CD #2, Doc. No. 00026036
16- 10	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
16- 11	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11). The report estimated the size as 70 ft by 30 ft in plan view. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH11
16- 12	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2 (Area 11).	See CD #3, Doc. ENTECH11
16- 13	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 32.	See CD #1, Doc. No. 00009321
16- 14	Except for black powder industrial explosives are generically referred to as dynamite even when they contain no nitroglycerin. Reference: Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 8-131.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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16- 15	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 8-135.	See CD #2, Doc. No. 00026221
16- 16	DPRA Document No. 00005681. Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Table I.	See CD #1, Doc. No. 00005681
16- 17	Aerial photograph of High Explosives Area in Area 11, provided to URS by USFWS, date unknown.	See CD #3, Doc. PHOTO11H
16- 18	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 8-131 and 8-133.	See CD #2, Doc. No. 00026221
16- 19	Building 7-E was a control house likely associated with the Dope House. This building was not found on the Olin Map; however, it was shown on the U.S. Powder Map as Building 7-5.	This footnote either provides additional information or further clarifies the text; no document is referenced.
16- 20	PRI-00493. Minutes from a meeting between Olin Dynamite and U.S. Powder (Commercial Solvents Corporation), dated September 30, 1963, Page 3.	See CD #1, Doc. No. 00013854
16- 21	Dupont Environmental Remediation Services, 1993, Memorandum written by Matthew Champion from Larry Joh to other Dupont employees- Subject: Decontamination Blasting Former Nitroglycerin Plants, dated June 28, 1993.	See CD #3, Doc. DUPONTNG
16- 22	Kohler, J., and R. Meyer, Explosives, VCH Publishers, 1993.	See CD #3, Doc. EXPLPG55
16- 23	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 8-135 and 9-11.	See CD #2, Doc. No. 00026221
16- 24	Dupont Environmental Remediation Services, 1993, Memorandum written by Matthew Champion from Larry Joh to other Dupont employees- Subject: Decontamination Blasting Former Nitroglycerin Plants, dated June 28, 1993.	See CD #3, Doc. DUPONTNG
16- 25	CRO 000850. U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Narrative Report, January through April 1960, Page 24.	See CD #2, Doc. No. 00024790
16- 26	PRI-00496. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 3.	See CD #1, Doc. No. 00013855
16- 27	Deposition of John Miller, April 9, 1998, Page 31.	See CD #1, Doc. No. 00004133
16- 28	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11A).	See CD #3, Doc. ENTECH11
16- 29	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11A).	See CD #3, Doc. ENTECH11
16- 30	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 8-135.	See CD #2, Doc. No. 00026221
16- 31	PRI-00493. Minutes from a meeting between Olin Dynamite and U.S. Powder (Commercial Solvents Corporation), dated September 30, 1963, Page 3.	See CD #1, Doc. No. 00013854

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16- 32	Pentolite is a mixture of TNT and pentaerythritol tetranitrate (PETN).	This footnote either provides additional information or further clarifies the text; no document is referenced.
16- 33	Kohler, J., and R. Meyer, Explosives, VCH Publishers, 1993.	See CD #3, Doc. EXPLP316
16- 34	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 8-135.	See CD #2, Doc. No. 00026221
16- 35	DOI 004869. Agreement between Olin Mathieson Chemical Corporation and Commercial Solvents Corporation, dated August 28, 1963, Exhibit B, Page 1.	See CD #2, Doc. No. 00021375
16- 36	DOI 004857. Agreement between Olin Mathieson Chemical Corporation and Commercial Solvents Corporation, dated August 28, 1963, Page 12, Article V, Paragraph 1.	See CD #2, Doc. No. 00021375
16- 37	PRI-00496. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 3.	See CD #1, Doc. No. 00013855
16- 38	ACO 5000. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Former Illinois Ordnance Plant, Uncharacterized Sites Report, dated August 7, 1991, Page 25.	See CD #2, Doc. No. 00026036
16- 39	Kohler, J., and R. Meyer, Explosives, VCH Publishers, 1993.	See CD #3, Doc. ENTECH11
16- 40	PRI-00496. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 3.	See CD #1, Doc. No. 00013855
16- 41	PRI-00496. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 3.	See CD #1, Doc. No. 00013855
16- 42	PRI-00496. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 3.	See CD #1, Doc. No. 00013855
16- 43	PRI-00496. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 3.	See CD #1, Doc. No. 00013855
16- 44	PRI-00495. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 2.	See CD #1, Doc. No. 00013855
16- 45	PRI-00504. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 3.	See CD #1, Doc. No. 00013857
16- 46	ACO 000338. IMC, Letter to Mr. Wayne Adams of USFWS regarding a decontamination project at IMC's Marion, Illinois plant, dated February 14, 1979, Page 1.	See CD #1, Doc. No. 00005591
16- 47	PRI-00495. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 2.	See CD #1, Doc. No. 00013855
16- 48	PRI-00504. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 3.	See CD #1, Doc. No. 00013857

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
16- 49	PRI-00504. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 3.	See CD #1, Doc. No. 00013857
16- 50	PRI-00495. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 2.	See CD #1, Doc. No. 00013855
16- 51	PRI-00504. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 3.	See CD #1, Doc. No. 00013857
16- 52	Deposition of Mr. Harry Stiles, November 18, 1997, Pages 67 and 104.	See CD #1, Doc. No. 00004105
16- 53	Deposition of Mr. Harry Stiles, November 18, 1997, Pages 67, 104 and Exhibit 15.	See CD #1, Doc. No. 00004105
16- 54	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3 (Area 11).	See CD #3, Doc. ENTECH11
16- 55	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH11
16- 56	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH11
16- 57	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down – Decontamination – Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
16- 58	DPR A Document No. 00005649. IMC, Letter to Mr. Walter Franke submitting a progress report regarding the destruction of the various dangerous contaminated buildings located at IMC's Marion, Illinois plant, June 1, 1977, Page 1; and Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Exhibit 3, Page 1.	See CD #1, Doc. No. 00005649
16- 59	DPR A Document No. 00005649. IMC, Letter to Mr. Walter Franke submitting a progress report regarding the destruction of the various dangerous contaminated buildings located at IMC's Marion, Illinois plant, June 1, 1977, Page 1.	See CD #1, Doc. No. 00005649
16- 60	Minor building number changes are not discussed, but are shown in Figure 15-3. It is assumed that a building designated by Olin as an "air condition house" serves the same function when it is re-designated by CSC as a "control house."	This footnote either provides additional information or further clarifies the text; no document is referenced.
16- 61	CRO 001705. IMC, Letter to Mr. Wayne Adams of USFWS regarding the decontamination/flashing of various buildings at IMC's Marion, Illinois plant, dated April 9, 1979, Page 1.	See CD #1, Doc. No. 00005613
16- 62	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1.	See CD #2, Doc. No. 00023275
16- 63	Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Exhibit 3, Page 1.	See CD #1, Doc. No. 00005681
16- 64	PRI-00495. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 2.	See CD #1, Doc. No. 00013855

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16- 65	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2 (Area 11A).	See CD #3, Doc. ENTECH11
16- 66	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2 (Area 11A).	See CD #3, Doc. ENTECH11
16- 67	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2 (Area 11A).	See CD #3, Doc. ENTECH11
16- 68	CRO 001705. IMC, Letter to Mr. Wayne Adams of USFWS regarding the decontamination/flashing of various buildings at IMC's Marion, Illinois plant, dated April 9, 1979, Page 1.	See CD #1, Doc. No. 00005613
16- 69	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-128.	See CD #2, Doc. No. 00026221
16- 70	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-128.	See CD #2, Doc. No. 00026221
16- 71	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1; and Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Exhibit 3, Page 1.	See CD #2, Doc. No. 00023275
16- 72	DPRA Document No. 00005649. IMC, Letter to Mr. Walter Franke submitting a progress report regarding the destruction of the various dangerous contaminated buildings located at IMC's Marion, Illinois plant, June 1, 1977, Page 1; and Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Exhibit 3, Page 1.	See CD #1, Doc. No. 00005649
16- 73	DPRA Document No. 00005649. IMC, Letter to Mr. Walter Franke submitting a progress report regarding the destruction of the various dangerous contaminated buildings located at IMC's Marion, Illinois plant, June 1, 1977, Page 1; and Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Exhibit 3, Page 1.	See CD #1, Doc. No. 00005649
16- 74	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1; and Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Exhibit 3, Page 1.	See CD #2, Doc. No. 00023275
16- 75	CRO 001705. IMC, Letter to Mr. Wayne Adams of USFWS regarding the decontamination/flashing of various buildings at IMC's Marion, Illinois plant, dated April 9, 1979, Page 1. It is not known what the "primer" is. A primer is usually a primary explosive such as lead azide or styphnate, but neither of these were identified as contaminants in this building by IMC.	See CD #1, Doc. No. 00005613
16- 76	DOI 004850, 004852, 004869, and 004870. Agreement between Olin Mathieson Chemical Corporation and Commercial Solvents Corporation, dated August 28, 1963, Pages 5 and 7, Exhibit B, Pages 1 and 2.	See CD #2, Doc. No. 00021375

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16- 77	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1; and Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Exhibit 3, Page 1.	See CD #2, Doc. No. 00023275
16- 78	ACO 000338. IMC, Letter to Mr. Wayne Adams of USFWS regarding a decontamination project at IMC's Marion, Illinois plant, dated February 14, 1979, Page 1.	See CD #1, Doc. No. 00005591
16- 79	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3 (Area 11A).	See CD #3, Doc. ENTECH11
16- 80	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1; and Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Exhibit 3, Page 1.	See CD #2, Doc. No. 00023275
16- 81	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4 (Area 11).	See CD #3, Doc. ENTECH11
16- 82	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 10.	See CD #3, Doc. ENTECH11
16- 83	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down - Decontamination - Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
16- 84	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down - Decontamination - Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
16- 85	DPRA Document No. 00005681. Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Page 1.	See CD #1, Doc. No. 00005681
16- 86	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down - Decontamination - Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
16- 87	ACO 000283. Decontamination History for Trojan Powder Company.	See CD #2, Doc. No. 00024577
16- 88	ACO 000283. Decontamination History for Trojan Powder Company.	See CD #2, Doc. No. 00024577
16- 89	Charles Kovach, personal interview, as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations and Ownership History, Crab Orchard National Wildlife Refuge, Page B-3.	See CD #3, Doc. KOVACH,C
16- 90	DPRA Document No. 00005649. IMC, Letter to Mr. Walter Franke submitting a progress report regarding the destruction of the various dangerous contaminated buildings located at IMC's Marion, Illinois plant, June 1, 1977, Page 1.	See CD #1, Doc. No. 00005649
16- 91	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1.	See CD #2, Doc. No. 00023275

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16- 92	CRO 001713. IMC, Letter to Mr. Wayne Adams of USFWS regarding completion of the burning some buildings, dated June 25, 1981.	See CD #1, Doc. No. 00005606
16- 93	DPRA Document No. 00005617. IMC, Letter to Walter H. Franke of IEPA submitting IMC's monthly report, dated May 2, 1978.	See CD #1, Doc. No. 00005617
16- 94	DPRA Document No. 00005688. USFWS, Memorandum to the USFWS Regional Safety Manager regarding the decontamination of Area 12, U.S. Powder, dated July 16, 1976.	See CD #1, Doc. No. 00005688
16- 95	USFWS file for Contract No. 14-16-0003-83-096, Excavating Services – Building Demolition.	See CD #2, Doc. No. 83-096
16- 96	USFWS file for Contract No. 14-16-0003-89-0033, White Equipment – Building Demolition.	See CD #2, Doc. No. 89-0033
16- 97	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-36 through 2-44.	See CD #2, Doc. No. 00030064
16- 98	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-36 through 2-44.	See CD #2, Doc. No. 00030064
16- 99	See Table 2-6 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6
16- 100	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
16- 101	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft.	This footnote either provides additional information or further clarifies the text; no document is referenced.
16- 102	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
16- 103	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
16- 104	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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16- 105	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
16- 106	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
16- 107	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
16- 108	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
16- 109	MacDonald, D.D., Ingersoll, C.G., Berger, T.A. 1999. Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems. MacDonald Environmental Services Ltd., British Columbia, Canada.	Publicly available at http://www.cerc.cr.usgs.gov/pubs/center/pdfDocs/91126.pdf
16- 110	Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.C. Canfield, F.J. Dwyer, C. E. Henke, N.E. Kemble, D.R. Mount, and R.G. Fox. 1996. Calculation and evaluation of sediment effect concentrations for the amphipod <i>Hyalella azteca</i> and the midge <i>Chironomus riparius</i> . J. Great Lakes Res. 22(3):602-623.	Publicly available from the <u>Journal of Great Lakes Research</u> , Volume 22, Number 3, Pages 602 to 623
16- 111	Ontario Ministry of Environment and Energy. 1995. Ontario's Approach to Sediment Assessment and Remediation. Second SETAC World Congress (16TH Annual Meeting). Vancouver, British Columbia, Canada.	Publicly available from Rein Jaagumagi, Ontario Ministry of Environment and Energy at 416-235-6252
16- 112	NOAA. 1999. Screening quick Reference Tables. National Oceanic and Atmospheric Administration HAZMAT Report 99-1, Seattle Washington.	Publicly available at http://response.restoration.noaa.gov/cpr/sediment/squirt/squirt.html
16- 113	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm
16- 114	Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. Environ. Management. 19(1): 81-97.	Publicly available from the <u>Journal Environmental Management</u> , Volume 19, Issue 1, Pages 81 to 97
16- 115	USEPA. 1999a. National Recommended Water Quality Criteria—Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
16- 116	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm

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16- 117	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
16- 118	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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17- 1	DPRA Document 00009410. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, September through December, 1957, Page 31.	See CD #1, Doc. No. 00009410
17- 2	Deposition of John Miller, April 9, 1998, Pages 28-29.	See CD #1, Doc. No. 00004133
17- 3	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 8-12 and 8-13.	See CD #2, Doc. No. 00026221
17- 4	Soda ash is sodium carbonate.	This footnote either provides additional information or further clarifies the text; no document is referenced.
17- 5	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11A).	See CD #3, Doc. ENTECH11
17- 6	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11A). The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH11
17- 7	Dupont Environmental Remediation Services, 1993, Memorandum written by Matthew Champion from Larry Joh to other Dupont employees- Subject: Decontamination Blasting Former Nitroglycerin Plants, dated June 28, 1993.	See CD #3, Doc. DUPONTNG
17- 8	Dupont Environmental Remediation Services, 1993, Memorandum written by Matthew Champion from Larry Joh to other Dupont employees- Subject: Decontamination Blasting Former Nitroglycerin Plants, dated June 28, 1993.	See CD #3, Doc. DUPONTNG
17- 9	Dupont Environmental Remediation Services, 1993, Memorandum written by Matthew Champion from Larry Joh to other Dupont employees- Subject: Decontamination Blasting Former Nitroglycerin Plants, dated June 28, 1993.	See CD #3, Doc. DUPONTNG
17- 10	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11A).	See CD #3, Doc. ENTECH11
17- 11	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11A).	See CD #3, Doc. ENTECH11
17- 12	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 2.	See CD #3, Doc. ENTECH11
17- 13	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-55.	See CD #2, Doc. No. 00030064
17- 14	According to the 1997 Parsons Engineering report, two tank cars were located just east of Building 17 and south of Building 12. A fill port for one of the tanks was accessible and observation indicated that water and solid material had accumulated in this tank. Reference: Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Figure 2.18 and Page 2-55.	See CD #2, Doc. No. 00030064

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17- 15	Deposition of Harvey Pitt, November 19, 1997, Pages 132-133.	See CD #1, Doc. No. 00004119
17- 16	PRI-00495. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 2.	See CD #1, Doc. No. 00013854
17- 17	PRI-00493. Minutes from a meeting between Olin Dynamite and U.S. Powder (Commercial Solvents Corporation), dated September 30, 1963, Page 3.	See CD #1, Doc. No. 00013854
17- 18	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11A).	See CD #3, Doc. ENTECH11
17- 19	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11A).	See CD #3, Doc. ENTECH11
17- 20	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 2.	See CD #3, Doc. ENTECH11
17- 21	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 1 (Area 11A).	See CD #3, Doc. ENTECH11
17- 22	U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, September through December, 1966, Page 42.	See CD #1, Doc. No. 00009333
17- 23	U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, September through December, 1968, Page 54.	See CD #2, Doc. No. 00025966
17- 24	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2 (Area 11A).	See CD #3, Doc. ENTECH11
17- 25	IMC acquired CSC in 1975. See discussion in Section 15.	See AUS PA/SI Report, Section 15
17- 26	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down - Decontamination - Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
17- 27	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down - Decontamination - Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
17- 28	DPRA Document No. 00021278. United States Government Memorandum from USFWS Safety Manager to Regional Director regarding explosive decontamination activities at Crab Orchard NWR, dated November 19, 1975, Page 2.	See CD #2, Doc. No. 00021278
17- 29	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down - Decontamination - Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
17- 30	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1.	See CD #2, Doc. No. 00023275
17- 31	DPRA Document No. 00005681. Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), October 1976, Page 3.	See CD #1, Doc. No. 00005681

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17- 32	DPR A Document No. 00005688. USFWS, Memorandum to the USFWS Regional Safety Manager regarding the decontamination of Area 12, U.S. Powder, dated July 16, 1976.	See CD #1, Doc. No. 00005688
17- 33	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down - Decontamination - Marion," dated April 2, 1981, Page 2. FNH was not defined in the memorandum but probably stands for flashless non-hydroscopic powder, which was stored in ponds in Area 12.	See CD #1, Doc. No. 00005607
17- 34	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4 (Area 11A).	See CD #3, Doc. ENTECH11
17- 35	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4 (Area 11A).	See CD #3, Doc. ENTECH11
17- 36	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5 (Area 11A).	See CD #3, Doc. ENTECH11
17- 37	O'Brien & Gere, 1988, Remedial Investigation Report, Crab Orchard National Wildlife Refuge, Volume I, Final Report, Pages 101- 10-3.	See CD #2, Doc. No. 00022621
17- 38	Woodward Clyde Consultants, 1988, Final Confirmation Study at Crab Orchard National Wildlife Refuge, Hampton Cemetery and Ammunition Plant Dera Site, Volume I, Figure 3.46.	See CD #2, Doc. No. 00030126
17- 39	Environmental Science & Engineering, Inc., 1994, Draft Final Remedial Investigation/Baseline Risk Assessment Report, Explosives/Munitions Manufacturing Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I, Remedial Investigation (RI) Report, Page 4-77.	See CD #2, Doc. No. 00028035
17- 40	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois.	See CD #2, Doc. No. 00030064
17- 41	O'Brien & Gere, 1988, Remedial Investigation Report for Crab Orchard National Wildlife Refuge, Figure 10-1.	See CD #2, Doc. No. 00022621
17- 42	DPR A Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
17- 43	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-36 through 2-44.	See CD #2, Doc. No. 00030064
17- 44	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-36 through 2-44.	See CD #2, Doc. No. 00030064
17- 45	1960 aerial photograph from the U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photograph used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS

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17- 46	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
17- 47	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH11
17- 48	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft.	This footnote either provides additional information or further clarifies the text; no document is referenced.
17- 49	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH11
17- 50	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois.	See CD #3, Doc. ENTECH11
17- 51	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
17- 52	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
17- 53	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
17- 54	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/rep_orts.html
17- 55	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
17- 56	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf

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17- 57	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
17- 58	USEPA. 1999a. National Recommended Water Quality Criteria—Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
17- 59	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
17- 60	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
17- 61	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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18- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
18- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 7.	See CD #1, Doc. No. 00009321
18- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
18- 4	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 26.	See CD #1, Doc. No. 00009321
18- 5	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 8.	See CD #1, Doc. No. 00009321
18- 6	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 24.	See CD #1, Doc. No. 00009321
18- 7	DPR Document No. CO01128. Corps of Engineers files, Location Layout – Group II- Melt Loading Line – Area II, Supersedes drawing dated November 8, 1941, this drawing dated February 14, 1942.	See CD #2, Doc. No. CO01128
18- 8	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part II, Section 4, Sheet 12 of 23.	See CD #1, Doc. No. 00009321
18- 9	1980 and 1993 aerial photographs from the U. S. Department of Agriculture, Agricultural Stabilization and Conservation Service, Aerial Photography Field Office, Salt Lake City, Utah (same photographs used by Entech, Inc.).	See CD #3, directory called: AERIAL PHOTOS
18- 10	Mr. Richard Altekruise, personal interview, July 14, 1999.	See CD #3, Doc. ALTEKRUSE,R
18- 11	Mr. Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
18- 12	Mr. Richard Altekruise, personal interview, July 14, 1999.	See CD #3, Doc. ALTEKRUSE,R
18- 13	Deposition of John Miller, April 9, 1998, Page 7, 8 and 74.	See CD #1, Doc. No. 00004133
18- 14	Deposition of Harvey Pitt, November 19, 1997, Page 89.	See CD #1, Doc. No. 00004119
18- 15	Mr. Maynard Arnett, personal interview, June 29, 1999.	See CD #3, Doc. ARNETT,M
18- 16	Mr. Paul Moore, personal interview, July 14, 1999.	See CD #3, Doc. MOORE,P
18- 17	Mr. Richard Altekruise, personal interview, July 14, 1999. Altekruise identified this building as Building 86 on the U.S. Powder Map; however, this was incorrect. Building 86 was still visible on the 1960 aerial photograph, but Building II-1-16 was not.	See CD #3, Doc. ALTEKRUSE,R
18- 18	Mr. Richard Altekruise, personal interview, July 14, 1999.	See CD #3, Doc. ALTEKRUSE,R
18- 19	CRO 000839. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, September through December, 1959, Page 33.	See CD #2, Doc. No. 00024787
18- 20	Deposition of John Miller, April 9, 1998, Pages 41-42.	See CD #1, Doc. No. 00004133

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18- 21	Mr. Richard Altekruise, personal interview, July 14, 1999.	See CD #3, Doc. ALTEKRUSE,R
18- 22	PRI-00494. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 1.	See CD #1, Doc. No. 00013855
18- 23	PRI-00502. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 1.	See CD #1, Doc. No. 00013857
18- 24	PRI-00505. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Pages 1 and 4.	See CD #1, Doc. No. 00013857
18- 25	DOI 004850, 004852, and 004877. Agreement between Olin Mathieson Chemical Corporation and Commercial Solvents Corporation, dated August 28, 1963, Pages 5 and 7, Exhibit B, Page 9.	See CD #2, Doc. No. 00021375
18- 26	Charlie Kershaw, Ralph Sloat, and Mark Vetter, DuPont employees, personal interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
18- 27	Mr. Charles Kovach, a former Trojan/CSC employee, reported that mercury fulminate was used in the production of detonator caps produced in this area. This is not supported by any other information about the Big Inch Caps. Reference: Interview with Mr. Charles Kovach as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations and Ownership History, Crab Orchard National Wildlife Refuge, Page B-4.	See CD #3, Doc. KOVACK,C
18- 28	According to Mr. Wayne Adams, a former Refuge Manager, U.S. Powder/CSC manufactured lead azide, but this is not supported by other information about the site. Lead azide production would have involved the use of precipitation facilities and holding tanks, neither of which were identified in this area. References: Wayne Adams, personal interview, March 23, 2000; and Charlie Kershaw, Ralph Sloat, and Mark Vetter, DuPont employees, personal interview, August 24, 1999.	See CD #3, Docs. ADAMS,W, and DUPONT EMPLOYEES
18- 29	Charlie Kershaw, Ralph Sloat, and Mark Vetter, personal interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
18- 30	CRO 001699. IMC, Letter to Mr. Walter Franke of IEPA submitting a monthly progress report, dated June 30, 1978, Page 1.	See CD #1, Doc. No. 00005575
18- 31	Charlie Kershaw, Ralph Sloat, and Mark Vetter, personal interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
18- 32	Charlie Kershaw, Ralph Sloat, and Mark Vetter, personal interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
18- 33	Charlie Kershaw, Ralph Sloat, and Mark Vetter, personal interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
18- 34	CRO 001699. IMC, Letter to Mr. Walter Franke of IEPA submitting a monthly progress report, dated June 30, 1978, Page 1.	See CD #1, Doc. No. 00005575
18- 35	Charlie Kershaw, Ralph Sloat, and Mark Vetter, personal interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
18- 36	CRO 001701. IMC, Letter to Mr. Walter Franke of IEPA submitting a monthly progress report, dated July 31, 1978, Page 1.	See CD #1, Doc. No. 00005581
18- 37	DPRA Document No. 00005624. IMC, Letter to Mr. Walter Franke of IEPA submitting a monthly progress report, dated June 1, 1978, Page 1.	See CD #1, Doc. No. 00005624

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18- 38	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1.	See CD #2, Doc. No. 00023275
18- 39	Charlie Kershaw, Ralph Sloat, and Mark Vetter, personal (telephone) interview, August 24, 1999.	See CD #3, Doc. DUPONT EMPLOYEES
18- 40	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down - Decontamination - Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
18- 41	ACC 000283. Decontamination History for Trojan Powder Company.	See CD #2, Doc. No. 00024577
18- 42	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down - Decontamination - Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
18- 43	ACC 000283. Decontamination History for Trojan Powder Company.	See CD #2, Doc. No. 00024577
18- 44	ACC 000283. Decontamination History for Trojan Powder Company.	See CD #2, Doc. No. 00024577
18- 45	Charles Kovach, personal interview, as found in TechLaw, Inc., 1992, Final Draft Report, Site Operations and Ownership History, Crab Orchard National Wildlife Refuge, Page B-3.	See CD #3, Doc. KOVACK,C
18- 46	CRO 001701. IMC, Letter to Mr. Walter Franke of IEPA submitting a monthly progress report, dated July 31, 1978, Page 1.	See CD #1, Doc. No. 00005581
18- 47	CRO 001699. IMC, Letter to Mr. Walter Franke of IEPA submitting a monthly progress report, dated June 30, 1978, Page 1.	See CD #1, Doc. No. 00005575
18- 48	DPRA Document No. 00005617. IMC, Letter to Mr. Walter Franke of IEPA submitting a monthly progress report, dated May 2, 1978, Page 1.	See CD #1, Doc. No. 00005617
18- 49	DPRA Document No. 00005624. IMC, Letter to Mr. Walter Franke of IEPA submitting a monthly progress report, dated June 1, 1978, Page 1.	See CD #1, Doc. No. 00005624
18- 50	DOI 006721. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 2.	See CD #2, Doc. No. 00023275
18- 51	DPRA Document No. 00005688. USFWS, Memorandum to the USFWS Regional Safety Manager regarding the decontamination of Area 12, U.S. Powder, dated July 16, 1976.	See CD #1, Doc. No. 00005688
18- 52	USFWS file for Contract No. 14-16-0003-89-0033, White Equipment - Building Demolition.	See CD #2, Doc. No. 89-0033
18- 53	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
18- 54	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm

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18- 55	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
18- 56	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
18- 57	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
18- 58	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
18- 59	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
18- 60	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
18- 61	MacDonald, D.D., Ingersoll, C.G., Berger, T.A. 1999. Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems. MacDonald Environmental Services Ltd., British Columbia, Canada.	Publicly available at http://www.cerc.cr.usgs.gov/pubs/center/pdfDocs/91126.pdf
18- 62	Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.C. Canfield, F.J. Dwyer, C. E. Henke, N.E. Kemble, D.R. Mount, and R.G. Fox. 1996. Calculation and evaluation of sediment effect concentrations for the amphipod <i>Hyaella azteca</i> and the midge <i>Chironomus riparius</i> . J. Great Lakes Res. 22(3):602-623.	Publicly available from the <u>Journal of Great Lakes Research</u> , Volume 22, Number 3, Pages 602 to 623
18- 63	Ontario Ministry of Environment and Energy. 1995. Ontario's Approach to Sediment Assessment and Remediation. Second SETAC World Congress (16TH Annual Meeting). Vancouver, British Columbia, Canada.	Publicly available from Rein Jaagumagi, Ontario Ministry of Environment and Energy at 416-235-6252
18- 64	NOAA. 1999. Screening quick Reference Tables. National Oceanic and Atmospheric Administration HAZMAT Report 99-1, Seattle Washington.	Publicly available at http://response.restoration.noaa.gov/cpr/sediment/squirt/squirt.html
18- 65	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm

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18- 66	Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. <i>Environ. Management</i> . 19(1): 81-97.	Publicly available from the <u>Journal Environmental Management</u> , Volume 19, Issue 1, Pages 81 to 97
18- 67	USEPA. 1999a. National Recommended Water Quality Criteria--Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
18- 68	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm
18- 69	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
18- 70	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
19- 1	Interview with Mr. Kermit Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin Williams Company, Illinois Ordnance Plant, Page B-1. Note that Mr. Troutman worked in Load Line III. This report assumes that processes in the other lines were similar.	See CD #3, Doc. TROUTMAN,K
19- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
19- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
19- 4	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 2, Page 7.	See CD #1, Doc. No. 00009321
19- 5	Interview with Kermit C. Troutman as found in TechLaw Inc., 1997, Draft Investigation Report, The Sherwin-Williams Company Illinois Ordnance Plant, Page B-1.	See CD #3, Doc. TROUTMAN,K
19- 6	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 19.	See CD #1, Doc. No. 00009321
19- 7	Interview with Mr. Kermit Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin Williams Company, Illinois Ordnance Plant, Page B-2.	See CD #3, Doc. TROUTMAN,K
19- 8	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 3, Section 1, Page 19.	See CD #1, Doc. No. 00009321
19- 9	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
19- 10	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 11.	See CD #1, Doc. No. 00009321
19- 11	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 30.	See CD #1, Doc. No. 00009321
19- 12	ACO 5006. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Former Illinois Ordnance Plant, Uncharacterized Sites Report, dated August 7, 1991, Page 24.	See CD #2, Doc. No. 00026036
19- 13	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2 (Area 11). The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH11
19- 14	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2 (Area 11).	See CD #3, Doc. ENTECH11
19- 15	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 30.	See CD #1, Doc. No. 00009321
19- 16	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 8, Page 28.	See CD #1, Doc. No. 00009321

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19- 17	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 8, Page 31.	See CD #1, Doc. No. 00009321
19- 18	DPRA Document No. 00025484/CRO 001579B. Newspaper article from the Carbondale, Illinois area regarding Silas-Mason ending there fertilizer work at the Refuge, dated January 5, 1950.	See CD #2, Doc. No. 00025484
19- 19	ACL 000637 through ACL 000643. Agreement RE Transfer of Illinois Ordnance Plant from the War Department to the War Assets Administration, dated July 24, 1946; and, U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant - Carbondale, Illinois, Part II, Section 1, Page 1.	See CD #2, Doc. No. 00022792
19- 20	DOI 001112. Hoosier Cardinal Corporation response to 104e request, dated June 13, 1989.	See CD #2, Doc. No. 00018605
19- 21	DPRA Document No. 00009401. U.S. Department of the Interior, Bureau of Fish and Wildlife, Fish and Wildlife Service, Narrative Report, May through August, 1956, Table IV; and DPRA Document No. 00009401. U.S. Department of the Interior, Bureau of Fish and Wildlife, Fish and Wildlife Service, Narrative Report, September through December 1956, Table VI.	See CD #1, Doc. No. 00009401
19- 22	DPRA Document No. 00009389. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, September through December, 1955, Page 17 and Table VIII.	See CD #1, Doc. No. 00009389
19- 23	CRO-001575A - Article from Herrin Daily Journal, dated March 30, 1949.	See CD #2, Doc. No. 00025464
19- 24	Ray Almaroad, personal interview, September 8, 1999.	See CD #3, Doc. ALMAROAD,R
19- 25	DPRA Document No. 00009059. Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, April 12, 1949, Page 7.	See CD #1, Doc. No. 00009059
19- 26	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 2 and 3 (Area 11).	See CD #3, Doc. ENTECH11
19- 27	DPRA Document No. 00009389. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, September through December, 1955, Table VIII.	See CD #1, Doc. No. 00009389
19- 28	DPRA Document No. 00009389. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, September through December, 1955, Page 17 and Table VIII.	See CD #1, Doc. No. 00009389
19- 29	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Pages 3-5 and Figure 2 (Area 11).	See CD #3, Doc. ENTECH11
19- 30	PRI-00494. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 1.	See CD #1, Doc. No. 00013855
19- 31	Deposition of Harry Stiles, November 18, 1997, Page 61.	See CD #1, Doc. No. 00004105

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19- 32	Deposition of Harry Stiles, November 18, 1997, Pages 61 and 62.	See CD #1, Doc. No. 00004105
19- 33	DPRA Document No. 00009410. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Narrative Report, September through December, 1957, Page 31.	See CD #1, Doc. No. 00009410
19- 34	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3 (Area 11).	See CD #3, Doc. ENTECH11
19- 35	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 2 (Area 11).	See CD #3, Doc. ENTECH11
19- 36	PRI-00494. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 1.	See CD #1, Doc. No. 00013855
19- 37	PRI-00502. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 1.	See CD #1, Doc. No. 00013857
19- 38	PRI-00494. Olin Mathieson Chemical Corporation, Plant Building Directory and Insurance Report, dated June 30, 1963, Page 1.	See CD #1, Doc. No. 00013855
19- 39	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3 (Area 11).	See CD #3, Doc. ENTECH11
19- 40	Olin Mathieson Chemical Corporation, Plant Map, Buildings – Roads – Trucks – Fences, Drawing D999, dated March 24, 1961.	See CD #2, Doc. No. CO00742
19- 41	Olin Mathieson Chemical Corporation, Plant Map, Buildings – Roads – Trucks – Fences, Drawing D999, dated March 24, 1961.	See CD #2, Doc. No. CO00742
19- 42	Olin Mathieson Chemical Corporation, Plant Map, Buildings – Roads – Trucks – Fences, Drawing D999, dated March 24, 1961; and PRI-00502. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 1.	See CD #1, Doc. No. 00013857; and CD #2, Doc. No. CO00742
19- 43	PRI-00502. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 1.	See CD #1, Doc. No. 00013857
19- 44	PRI-00502. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 1.	See CD #1, Doc. No. 00013857
19- 45	PRI-00502. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 1.	See CD #1, Doc. No. 00013857
19- 46	PRI-00502. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 1.	See CD #1, Doc. No. 00013857
19- 47	PRI-00502. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 1.	See CD #1, Doc. No. 00013857
19- 48	CRO 000453 – CRO 000454. Building Lease Contract No. 14-16-0003-81-527 by and between U. S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of 1A.	See CD #2, Doc. No. 00025179

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19- 49	DOI 001669. Amendment No. 2 to Building Lease Contract No. 14-16-0003-81-527, Olin Corporation, dated November 1, 1984.	See CD #2, Doc. No. 00018850
19- 50	CRO 000468. Amendment No. 3 to Building Lease Contract No. 14-16-0003-81-527, Olin Corporation, dated December 1, 1986.	See CD #2, Doc. No. 00025180
19- 51	Entech, Inc., 1999, Site Specific Reports on Areas 11 and 11A at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 4 and 5 (Area 11).	See CD #3, Doc. ENTECH11
19- 52	USFWS file for Contract No. 14-16-0003-83-096, Excavating Services -- Building Demolition.	See CD #2, Doc. No. 83-096
19- 53	USFWS file for Contract No. 14-16-0003-89-0033, White Equipment -- Building Demolition.	See CD #2, Doc. No. 89-0033
19- 54	Aerial photograph of the Support Area in Area 11, provided to URS by USFWS, date unknown.	See CD #3, Doc. PHOTO11S
19- 55	ACO 4999. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Former Illinois Ordnance Plant, Uncharacterized Sites Report, dated August 7, 1991, Page 24.	See CD #2, Doc. No. 00026036
19- 56	Elaine L. Moore, e-mail correspondence, dated September 13, 2001.	See CD #3, Doc. MOORE1913
19- 57	Some of the drums also contained personal protective equipment and plastic sheeting. QST Environmental, Inc., Investigation Derived Waste Disposal, Explosives/Munitions Manufacturing Area Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Sampling and Analysis Plan, Volume I: Field Sampling Plan, dated August 5, 1997, Page 7.	See CD #2, Doc. No. 00030172
19- 58	QST Environmental, Inc., Investigation Derived Waste Disposal, Explosives/Munitions Manufacturing Area Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Sampling and Analysis Plan, Volume I: Field Sampling Plan, dated August 5, 1997, Pages 5-7.	See CD #2, Doc. No. 00030172
19- 59	QST Environmental, Inc., Investigation Derived Waste Disposal, Explosives/Munitions Manufacturing Area Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Sampling and Analysis Plan, Volume I: Field Sampling Plan, dated August 5, 1997, Page 11.	See CD #2, Doc. No. 00030172
19- 60	Elaine L. Moore, e-mail correspondence, dated September 13, 2001.	See CD #3, Doc. MOORE1913
19- 61	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis -- Final Report. Former Illinois Ordnance Plant - Marion, Illinois, Pages 2-36 through 2-44.	See CD #2, Doc. No. 00030064
19- 62	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis -- Final Report. Former Illinois Ordnance Plant - Marion, Illinois, Pages 2-36 through 2-44.	See CD #2, Doc. No. 00030064
19- 63	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)

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19- 64	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
19- 65	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few feet.	This footnote either provides additional information or further clarifies the text; no document is referenced.
19- 66	This material was described as loess on the boring log, but it probably consists of both loess and till.	This footnote either provides additional information or further clarifies the text; no document is referenced.
19- 67	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
19- 68	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
19- 69	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
19- 70	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
19- 71	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
19- 72	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
19- 73	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
19- 74	MacDonald, D.D., Ingersoll, C.G., Berger, T.A. 1999. Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems. MacDonald Environmental Services Ltd., British Columbia, Canada.	Publicly available at http://www.cerc.cr.usgs.gov/pubs/center/pdfDocs/91126.pdf
19- 75	Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.C. Canfield, F.J. Dwyer, C. E. Henke, N.E. Kemble; D.R. Mount, and R.G. Fox. 1996. Calculation and evaluation of sediment effect concentrations for the amphipod <i>Hyalella azteca</i> and the midge <i>Chironomus riparius</i> . J. Great Lakes Res. 22(3):602-623.	Publicly available from the <u>Journal of Great Lakes Research</u> , Volume 22, Number 3, Pages 602 to 623
19- 76	Ontario Ministry of Environment and Energy. 1995. Ontario's Approach to Sediment Assessment and Remediation. Second SETAC World Congress (16TH Annual Meeting). Vancouver, British Columbia, Canada.	Publicly available from Rein Jaagumagi, Ontario Ministry of Environment and Energy at 416-235-6252
19- 77	NOAA. 1999. Screening quick Reference Tables. National Oceanic and Atmospheric Administration HAZMAT Report 99-1, Seattle Washington.	Publicly available at http://response.restoration.noaa.gov/cpr/sediment/squirt/squirt.html
19- 78	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm
19- 79	Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. Environ. Management. 19(1): 81-97.	Publicly available from the <u>Journal Environmental Management</u> , Volume 19, Issue 1, Pages 81 to 97
19- 80	USEPA. 1999a. National Recommended Water Quality Criteria--Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
19- 81	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm
19- 82	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins - Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
19- 83	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
20- 1	NAR 0769. Memorandum to the Field Director of Ammunition Plants regarding "Report on Status of Projects Submitted under Industrial Division Order No. 10" dated May 17, 1943, Page 1.	See CD #2, Doc. No. 00025959
20- 2	NAR 000167. Illinois Ordnance Plant, Illinois Ordnance Plant Historical Record, April 1, 1943 through August 17, 1943, Page 18.	See CD #2, Doc. No. 00023030
20- 3	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 2-14 and 8-98 to 8-100. Amatols are less stable and less powerful than TNT alone.	See CD #2, Doc. No. 00026221
20- 4	Interview with Mr. Kermit C. Troutman as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin Williams Company, Illinois Ordnance Plant, Page B-2.	See CD #3, Doc. TROUTMAN,K
20- 5	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 12.	See CD #1, Doc. No. 00009321
20- 6	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 5, Page 12.	See CD #1, Doc. No. 00009321
20- 7	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 8, Page 22.	See CD #1, Doc. No. 00009321
20- 8	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 11, Page 3.	See CD #1, Doc. No. 00009321
20- 9	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 3, Section 2, Page 3.	See CD #1, Doc. No. 00009321
20- 10	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-94.	See CD #2, Doc. No. 00026221
20- 11	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 3, Section 1, Page 22.	See CD #1, Doc. No. 00009321
20- 12	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 5, Page 12; and Part 3, Section 2, Page 3.	See CD #1, Doc. No. 00009321
20- 13	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-94.	See CD #2, Doc. No. 00026221
20- 14	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 3, Section 2, Page 3.	See CD #1, Doc. No. 00009321
20- 15	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant - Carbondale, Illinois, Part 1, Section 8, Pages 1, 28, and 31; and Part 1, Section 5, Page 12.	See CD #1, Doc. No. 00009321
20- 16	DPRA Document No. 00009449. U.S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Annual Narrative Report, Calendar Year 1983, Page 26. This report describes it as a "250,000-gallon tank and on the base map used for Figure 15-3 it is described as a "150,000-gallon tank."	See CD #1, Doc. No. 00009449

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20- 17	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 1, Page1 and Part 2, Section 1, Page 1.	See CD #1, Doc. No. 00009322
20- 18	ACL 000637 through ACL 000643. Agreement RE Transfer of Illinois Ordnance Plant from the War Department to the War Assets Administration, dated July 24, 1946; and, U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part I, Section 1, Page 1.	See CD #1, Doc. No. 00009322; and CD #2, Doc. No. 00022752
20- 19	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part III, Section 2, Pages 1 through 5.	See CD #1, Doc. No. 00009322
20- 20	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 9, Page 1.	See CD #1, Doc. No. 00009322
20- 21	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 9, Page 1.	See CD #1, Doc. No. 00009322
20- 22	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECH12
20- 23	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 1.	See CD #1, Doc. No. 00009322
20- 24	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH12
20- 25	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 1.	See CD #1, Doc. No. 00009322
20- 26	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 7, Page 1.	See CD #1, Doc. No. 00009322
20- 27	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH12
20- 28	It was not determined what "P.R.P." stood for.	This footnote either provides additional information or further clarifies the text; no document is referenced.
20- 29	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 5, Page 1 and Part 1, Section 7, Page 1.	See CD #1, Doc. No. 00009322
20- 30	U.S. Army Corps of Engineers, 1947, War Department Facilities Inventory Supplement No. 2 of the Illinois Ordnance Plant – Carbondale, Illinois, Part 1, Section 9, Page 1.	See CD #1, Doc. No. 00009322

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20- 31	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH12
20- 32	ACL 000654. Department of the Army, Illinois Ordnance Plant, Letter to the U.S. Fish and Wildlife Service, Department of Interior, regarding transferring the ammonium nitrate facilities to the DOI, dated May 31, 1950.	See CD #2, Doc. No. 00022807
20- 33	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 3.	See CD #3, Doc. ENTECH12
20- 34	DPRA Document No. 00008430. USFWS, Letter to Olin Mathieson Chemical Corporation dated August 4, 1955, Page 1.	See CD #1, Doc. No. 00008430
20- 35	DPRA Document No. 00013026. USFWS Memorandum regarding Special Use Permit 20012, dated January 3, 1955.	See CD #1, Doc. No. 00013026
20- 36	DPRA Document No. 00008430. USFWS, Letter to Olin Mathieson Chemical Corporation dated August 4, 1955, Page 1.	See CD #1, Doc. No. 00008430
20- 37	Deposition of Harvey Pitt, November 19, 1997, Pages 132-133. Pitt thought that UMC used this area in about 1957 or 1958; it was actually 1955.	See CD #1, Doc. No. 00004119
20- 38	Deposition of Harvey Pitt, November 19, 1997, Page 75.	See CD #1, Doc. No. 00004119
20- 39	Deposition of John Miller, April 9, 1998, Page 31.	See CD #1, Doc. No. 00004133
20- 40	PRI-00503. Olin Mathieson Chemical Corporation, Plant Building Directory, dated March 1963, Page 2.	See CD #1, Doc. No. 00013857
20- 41	U.S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Thru April, 1960, Page 24.	See CD #2, Doc. No. 00024790
20- 42	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH12
20- 43	Deposition of Robert Meyers, April 10, 1998, Pages 12, 20, 29, and 68.	See CD #1, Doc. No. 00004173
20- 44	Deposition of Harry Stiles, November 18, 1997, Pages 99 and 100.	See CD #1, Doc. No. 00004105
20- 45	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September thru December, 1957, Page 31.	See CD #2, Doc. No. 00024777
20- 46	DPRA Document No. 00009402. U.S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January Thru April, 1956, Page 17.	See CD #1, Doc. No. 00009402
20- 47	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, September thru December, 1960, Page 21.	See CD #2, Doc. No. 00024800

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20- 48	DOI 004980. Bill of Sale, Conveyance and Assignment, between Olin Mathieson Chemical Corporation and Commercial Solvents Corporation, dated October 1, 1963, Page 4, Paragraph 2(c).	See CD #2, Doc. No. 00021564
20- 49	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Pages 8-101 through 8-111.	See CD #2, Doc. No. 00026221
20- 50	Deposition of Harry Stiles, November 18, 1997, Page 98.	See CD #1, Doc. No. 00004105
20- 51	Thomas Throgmorton, personal interview, November 9, 1999.	See CD #3, Doc. THROGMORTON,T
20- 52	Deposition of Harry Stiles, November 18, 1997, Pages 95-96.	See CD #1, Doc. No. 00004105
20- 53	Richard Altekruise, personal interview, July 14, 1999.	See CD #3, Doc. ALTEKRUSE,R
20- 54	DOI 001216. Olin 104(e) response, dated September 12, 1989, Page 21.	See CD #1, Doc. No. 00004539
20- 55	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH12
20- 56	On Figure 15-3 these are labeled 83 and 84 respectively. The figure shows the building numbers designated on the U.S. Powder Map. Corresponding Olin building numbers are listed on the left side of the figure.	This footnote either provides additional information or further clarifies the text; no document is referenced.
20- 57	DOI 004466. Description of disposal sites and Olin's actions as part of their 104(e) response, November 1981.	See CD #2, Doc. No. 00021647
20- 58	Deposition of George Wisely, June 28, 1999, Page 171.	See CD #3, Doc. WISELY0628
20- 59	DOI 004466. Description of disposal sites and Olin's actions as part of their 104(e) response, November 1981.	See CD #2, Doc. No. 00021647
20- 60	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH12
20- 61	U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1960, Page 22.	See CD #2, Doc. No. 00024790
20- 62	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH12
20- 63	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH12
20- 64	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH12
20- 65	Deposition of Robert Meyers, April 10, 1998, Pages 34, 38, and 57.	See CD #1, Doc. No. 00004173
20- 66	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 4.	See CD #3, Doc. ENTECH12

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20- 67	ACO 000330. IMC memorandum from J.M. Kelly to R.R. Barra entitled "Shut Down – Decontamination – Marion," dated April 2, 1981, Page 1.	See CD #1, Doc. No. 00005607
20- 68	DOI 005023. Olin Mathieson Chemical Corporation, Letter to Commercial Solvents Corporation regarding supplements to the Agreement between Olin and Commercial Solvents, dated September 30, 1963, Page 2, Paragraph No. 5.	See CD #2, Doc. No. 00021610
20- 69	DOI 004977. Bill of Sale, Conveyance and Assignment, between Olin Mathieson Chemical Corporation and Commercial Solvents Corporation, dated October 1, 1963, Page 1, Paragraph 1.	See CD #2, Doc. No. 00021564
20- 70	ACO 000338. IMC, Letter to Mr. Wayne Adams of USFWS regarding a decontamination project at IMC's Marion, Illinois plant, dated February 14, 1979, Page 1.	See CD #1, Doc. No. 00005591
20- 71	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 5 and 6. The interpretation of the 1965 aerial photograph indicates Building 76-1 as a possible A	See CD #3, Doc. ENTECH12
20- 72	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 6 and 7.	See CD #3, Doc. ENTECH12
20- 73	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 5.	See CD #3, Doc. ENTECH12
20- 74	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-34.	See CD #2, Doc. No. 00026221
20- 75	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1.	See CD #2, Doc. No. 00023275
20- 76	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-32, 8-100, and 8-103.	See CD #2, Doc. No. 00026221
20- 77	ACO 000283. Decontamination History for Trojan Powder Company.	See CD #2, Doc. No. 00024577
20- 78	CRO 001713. IMC, Letter to Mr. Wayne Adams of USFWS regarding completion of the burning some buildings, dated June 25, 1981.	See CD #1, Doc. No. 00005606
20- 79	CRO 001703. IMC, Letter to Mr. Walter Franke of IEPA submitting the August monthly report, dated September 1, 1978.	See CD #1, Doc. No. 00005583
20- 80	DOI 006722. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 1.	See CD #2, Doc. No. 00023275
20- 81	ACO 000338. IMC, Letter to Mr. Wayne Adams of USFWS regarding a decontamination project at IMC's Marion, Illinois plant, dated February 14, 1979, Page 1.	See CD #1, Doc. No. 00005591
20- 82	ACO 000338. IMC, Letter to Mr. Wayne Adams of USFWS regarding a decontamination project at IMC's Marion, Illinois plant, dated February 14, 1979, Page 1.	See CD #1, Doc. No. 00005591

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20- 83	CSC explosive decontamination activities were discussed in detail in Section 16.	This footnote either provides additional information or further clarifies the text; no document is referenced.
20- 84	DPRA Document No. 00021278. United States Government Memorandum from USFWS Safety Manager to Regional Director regarding explosive decontamination activities at Crab Orchard NWR, dated November 19, 1975, Page 2.	See CD #2, Doc. No. 00021278
20- 85	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figure 6	See CD #3, Doc. ENTECH12
20- 86	Wayne Adams, personal interview, March 23, 2000.	See CD #3, Doc. ADAMS,W
20- 87	DOI 006721. IMC, Letter to Mr. Walter Franke of IEPA submitting the second progress report regarding the destruction of contaminated structures at IMC's Marion, Illinois plant, dated July 14, 1977, Page 2.	See CD #2, Doc. No. 00023275
20- 88	Wayne Adams, personal interview, March 23, 2000.	See CD #3, Doc. ADAMS,W
20- 89	ACC 000008 – Memorandum to LTC Milton from Dean M. Dickey (Assessments Branch, Technology Division), dated June 11, 1979.	See CD #2, Doc. No. 00022577
20- 90	U.S. Department of the Interior, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, Calendar Year 1980, Page 28.	See CD #1, Doc. No. 00009448
20- 91	CRO 001684. Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), September 1977, Page 4.	See CD #2, Doc. No. 00025765
20- 92	CRO 001684. Petition for Variance to the Illinois Pollution Control Board, IMC Chemical Group, Inc. (petitioner) vs. Illinois Environmental Protection Agency (respondent), September 1977, Page 4.	See CD #2, Doc. No. 00025765
20- 93	CRO 001713. IMC, Letter to Mr. Wayne Adams of USFWS regarding completion of the burning some buildings, dated June 25, 1981.	See CD #1, Doc. No. 00005606
20- 94	Wayne Adams, personal interview, on March 23, 2000.	See CD #3, Doc. ADAMS,W
20- 95	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Figures 4, 5, 6, and 7.	See CD #3, Doc. ENTECH12
20- 96	Entech, Inc., 1999, Site Specific Report on Area 12 at the Former Illinois Ordnance Plant, Crab Orchard National Wildlife Refuge, Marion, Illinois, Page 95.	See CD #3, Doc. ENTECH12
20- 97	William Webb, personal interview, September 29, 1997.	See CD #3, Doc. WEBB,W
20- 98	USFWS file for Contract No. 14-16-0003-83-096, Excavating Services – Building Demolition.	See CD #2, Doc. No. 83-096
20- 99	USFWS file for Contract No. 14-16-0003-89-0033, White Equipment – Building Demolition.	See CD #2, Doc. No. 89-0033
20- 100	DPRA Document No. 00009449. U.S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Annual Narrative Report, Calendar Year 1983, Page 26.	See CD #1, Doc. No. 00009449

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
20- 101	COP originally stood for "Crab Orchard Plant."	This footnote either provides additional information or further clarifies the text; no document is referenced.
20- 102	U.S. Fish and Wildlife Service, 2001. Draft Final Revised Closure Report, Water Towers Operable Unit, Crab Orchard National Wildlife Refuge, June. Prepared by URS.	See CD #3, Doc. WATERTWR
20- 103	O'Brien & Gere, 1988, Remedial Investigation Report, Crab Orchard National Wildlife Refuge, Volume I, Final Report	See CD #2, Doc. No. 00022621
20- 104	Woodward Clyde Consultants, 1988, Final Confirmation Study at Crab Orchard National Wildlife Refuge, Hampton Cemetery and Ammunition Plant Dera Site.	See CD #2, Doc. No. 00030126
20- 105	Woodward Clyde Consultants, 1988, Final Confirmation Study at Crab Orchard National Wildlife Refuge, Hampton Cemetery and Ammunition Plant Dera Site.	See CD #2, Doc. No. 00030126
20- 106	Environmental Science and Engineering, Inc., 1994, Draft Final Remedial Investigation/Baseline Risk Assessment Report, Explosives/Munitions Manufacturing Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I, Remedial Investigation (RI) Report.	See CD #2, Doc. No. 00028035
20- 107	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis Final Report – Former Illinois Ordnance Plant – Marion, Illinois.	See CD #2, Doc. No. 00030064
20- 108	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 9-2.	See CD #2, Doc. No. 00030064
20- 109	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
20- 110	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
20- 111	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois.	See CD #2, Doc. No. 00030064
20- 112	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-34 through 2-40.	See CD #2, Doc. No. 00030064
20- 113	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-34 through 2-40.	See CD #2, Doc. No. 00030064
20- 114	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-34 through 2-40.	See CD #2, Doc. No. 00030064

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
20- 115	In the information provided by USFWS to URS, there were two sets of survey coordinates for Sample 51-02. Both were included since it is not known which is correct.	This footnote either provides additional information or further clarifies the text; no document is referenced.
20- 116	See Table 2-6 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6
20- 117	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
20- 118	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few feet; acceptable for locating site features such as these ponds.	This footnote either provides additional information or further clarifies the text; no document is referenced.
20- 119	Woodward Clyde Consultants, 1988, Final Confirmation Study at Crab Orchard National Wildlife Refuge, Hampton Cemetery and Ammunition Plant Dera Site, Figure 3.47.	See CD #2, Doc. No. 00030126
20- 120	Environmental Science and Engineering, Inc., 1994, Draft Final Remedial Investigation/Baseline Risk Assessment Report, Explosives/Munitions Manufacturing Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I, Remedial Investigation (RI) Report, Page 4-89.	See CD #2, Doc. No. 00028035
20- 121	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few feet.	This footnote either provides additional information or further clarifies the text; no document is referenced.
20- 122	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/corisk/ecossl.htm
20- 123	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
20- 124	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
20- 125	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
20- 126	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
20- 127	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
20- 128	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
20- 129	MacDonald, D.D., Ingersoll, C.G., Berger, T.A. 1999. Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems. MacDonald Environmental Services Ltd., British Columbia, Canada.	Publicly available at http://www.cerc.cr.usgs.gov/pubs/center/pdfdocs/91126.pdf
20- 130	Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.C. Canfield, F.J. Dwyer, C. E. Henke, N.E. Kemble, D.R. Mount, and R.G. Fox. 1996. Calculation and evaluation of sediment effect concentrations for the amphipod <i>Hyaella azteca</i> and the midge <i>Chironomus riparius</i> . J. Great Lakes Res. 22(3):602-623.	Publicly available from the <u>Journal of Great Lakes Research</u> , Volume 22, Number 3, Pages 602 to 623
20- 131	Ontario Ministry of Environment and Energy. 1995. Ontario's Approach to Sediment Assessment and Remediation. Second SETAC World Congress (16TH Annual Meeting). Vancouver, British Columbia, Canada.	Publicly available from Rein Jaagumagi, Ontario Ministry of Environment and Energy at 416-235-6252
20- 132	NOAA. 1999. Screening quick Reference Tables. National Oceanic and Atmospheric Administration HAZMAT Report 99-1, Seattle Washington.	Publicly available at http://response.restoration.noaa.gov/cpr/sediment/squirt/squirt.html
20- 133	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm
20- 134	Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. Environ. Management. 19(1): 81-97.	Publicly available from the <u>Journal Environmental Management</u> , Volume 19, Issue 1, Pages 81 to 97
20- 135	USEPA. 1999a. National Recommended Water Quality Criteria—Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
20- 136	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm

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20- 137	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
20- 138	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
21- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant, Carbondale, Illinois, Plan No. 6544-101.24, Part 1, Section 5, Page13.	See CD #1, Doc. No. 00009321
21- 2	General Dynamics Ordnance and Tactical Systems, Letter to Crab Orchard National Wildlife Refuge regarding Building and Igloo Lease Contract No. 14-16-0003-96-579, changing Primex's name to General Dynamics Ordnance and Tactical Systems, Inc., dated January 29, 2001.	See CD #3, Doc. PRIMEXLTR
21- 3	Amendment No. 13 to Building and Igloo Lease Contract No. 14-16-0003-96-579, Primex Technologies, Inc., effective January 29, 2001; and, Crab Orchard National Wildlife Refuge, Letter to General Dynamics Ordnance and Tactical Systems, Inc. enclosing Amendment No. 13 regarding the Primex name change, dated March 13, 2001.	See CD #3, Doc. AMENNO13
21- 4	Deposition of George T. Wisely, July 15, 1999, Page 130.	See CD #1, Doc. No. 00004216
21- 5	Deposition of George T. Wisely, July 15, 1999, Pages 130 and 132. George Wisely indicated that what he heard regarding the burning of nitroglycerin was "indirect[ly]" and "piecemeal."	See CD #1, Doc. No. 00004216
21- 6	Deposition of John Miller, April 9, 1998, Pages 163-166.	See CD #1, Doc. No. 00004133
21- 7	Deposition of Robert Myers, April 10, 1998, Pages 73-79.	See CD #1, Doc. No. 00004173
21- 8	Deposition of Robert Myers, April 10, 1998, Page 77.	See CD #1, Doc. No. 00004173
21- 9	DPRA Document No. 00017658. Letter to Primex regarding the explosion/fire of Igloo FAI-13-6-11, dated October 7, 1998.	See CD #2, Doc. No. 00017658
21- 10	ACO 005047 - ACO 005109. Office of Field Director of Ammunition Plants, Shut-Down and Decontamination Procedures for F.D.A.P. Facilities.	See CD #2, Doc. No. 00026036
21- 11	ACO 004979 - ACO 004980. CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00026036
21- 12	O'Brien & Gere, August 1988, Remedial Investigation Report, Volume I: Report, Crab Orchard National Wildlife Refuge, Page 25-1 through 25-4.	See CD #2, Doc. No. 00022621
21- 13	DPRA Document No. 00018887. Letter from Richard Boice to Dick Ruelle of USFWS regarding Crab Orchard Lake RI/FS, dated February 18, 1987. The letter reports that the data for the following constituents are not useable: 2-butanone, vinyl acetate, 4-methyl-2-pentanone, aniline, bis(2-chloro-isopropyl)ether, 4-chloroaniline, 2-nitro-sodiphenylamine, benzidine, di-n-octyl-phthalate, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, cyanide, Ag, As, Be, Cd, Cu, Ni, Pb, Se, Zn, and Hg.	See CD #2, Doc. No. 00018887
21- 14	O'Brien & Gere, August 1988, Remedial Investigation Report, Volume I: Report, Crab Orchard National Wildlife Refuge, Page 25-1.	See CD #2, Doc. No. 00022621
21- 15	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
21- 16	O'Brien & Gere, August 1988, Remedial Investigation Report, Volume I: Report, Crab Orchard National Wildlife Refuge, Page 26-1 through 26-8.	See CD #2, Doc. No. 00022621
21- 17	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
21- 18	Environmental Science & Engineering, Inc., 1994, Draft Final Remedial Investigation/Baseline Risk Assessment Report, Explosives/ Munitions Manufacturing Areas Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I, Page 1-5.	See CD #2, Doc. No. 00028035
21- 19	Woodward Clyde, 1996, Remedial Investigation, Miscellaneous Area Operable Unit, Volume I, Page 2-39.	See CD #1, Doc. No. 00000797
21- 20	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant Marion, Illinois, Pages 2-48 through 2-50.	See CD #2, Doc. No. 00030064
21- 21	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
21- 22	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
21- 23	Since the time the FSP was prepared, additional information has become available, and the historic discussion (Section 21.1) has been updated to include that information.	This footnote either provides additional information or further clarification of the text ; therefore, it does not reference a document.
21- 24	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
21- 25	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
21- 26	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
21- 27	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
21- 28	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
21- 29	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
21- 30	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
21- 31	DOI 001317 – DOI 001318. Lease Contract No. 14-18-008-2675, dated January 1, 1956, Pages 1-2; and, DPRA Document No. 00007881. Amendment of Lease, Olin Mathieson Chemical Corporation, dated March 1, 1956, Page 2.	See CD #2, Doc. No. 00018716
21- 32	DOI 001399 – DOI 001402, Seventh Amendment and Codification of Lease, dated August 1, 1960, Pages 1-4.	See CD #2, Doc. No. 00018751
21- 33	PRI-00554. Amendment No. 17 to Lease Contract No. 14-19-0008-2675, Olin Corporation, dated January 12, 1981.	See CD #1, Doc. No. 00007317
21- 34	CRO 001495 - CRO 001506. Special Use Permits from 1958 to 1960.	See CD #2, Doc. No. 00026146
21- 35	DPRA Document No. 00007524. Building and Igloo Lease Contract No. 14-16-0003-96-579 by and between U.S. Fish and Wildlife Service and PRIMEX Technologies, 8820 Route 148, Marion, Illinois 62959, Pages 1, 8, 9, and 10.	See CD #1, Doc. No. 00007524
21- 36	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
21- 37	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
21- 38	Olin ordnance division was spun off to Primex in 1997. Primex assumed all Olin leases at the Refuge.	This footnote either provides additional information or further clarification of the text ; therefore, it does not reference a document.
21- 39	DOI 001321. Lease Contract No. 14-18-008-2675, dated January 1, 1956, Page 5.	See CD #2, Doc. No. 00018716
21- 40	DOI 001317 – DOI 001318. Lease Contract No. 14-18-008-2675, dated January 1, 1956, Pages 1-2; and, DPRA Document No. 00007881. Amendment of Lease, Olin Mathieson Chemical Corporation, dated March 1, 1956, Page 2.	See CD #2, Doc. No. 00018716
21- 41	DOI 001399 – DOI 001402, Seventh Amendment and Codification of Lease, dated August 1, 1960, Pages 1-4.	See CD #2, Doc. No. 00018751

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
21- 42	PRI-00554. Amendment No. 17 to Lease Contract No. 14-19-0008-2675, Olin Corporation, dated January 12, 1981.	See CD #1, Doc. No. 00007317
21- 43	CRO 001495 - CRO 001506. Special Use Permits from 1958 to 1960.	See CD #2, Doc. No. 00026146
21- 44	PRI-006755. Olin inter office memo entitled "Safety Survey of Warehouses and Magazines," dated March 9, 1977, Page 2.	See CD #1, Doc. No. 00014595
21- 45	PRI-006755. Olin inter office memo entitled "Safety Survey of Warehouses and Magazines," dated March 9, 1977, Page 2.	See CD #1, Doc. No. 00014595
21- 46	DOI 001317 – DOI 001318. Lease Contract No. 14-18-008-2675, dated January 1, 1956, Pages 1-2; and, DPRA Document No. 00007881. Amendment of Lease, Olin Mathieson Chemical Corporation, dated March 1, 1956, Page 2.	See CD #2, Doc. No. 00018716
21- 47	DOI 001399 – DOI 001402, Seventh Amendment and Codification of Lease, dated August 1, 1960, Pages 1-4.	See CD #2, Doc. No. 00018751
21- 48	PRI-00554. Amendment No. 17 to Lease Contract No. 14-19-0008-2675, Olin Corporation, dated January 12, 1981.	See CD #1, Doc. No. 00007317
21- 49	CRO 001495 - CRO 001506. Special Use Permits from 1958 to 1960.	See CD #2, Doc. No. 00026146
21- 50	CRO 001833. Olin, Letter to CONWR regarding storage of hazardous waste on the Refuge, dated June 24, 1981.	See CD #2, Doc. No. 00025738
21- 51	PRI-003615. Attachment to an Olin inter office memo, attachment entitled "Chemicals/Assemblies Evaluation for I-1-1 Storage.	See CD #1, Doc. No. 00012336
21- 52	PRI-003615. Attachment to an Olin inter office memo, attachment entitled "Chemicals/Assemblies Evaluation for I-1-1 Storage.	See CD #1, Doc. No. 00012336
21- 53	DOI 002596. Olin, Hazardous Waste Facility Closure Plan, Ordill Industrial Area, S.O.P. 90,356 REV. K 9/88, Page 19.	See CD #2, Doc. No. 00019176
21- 54	DPRA Document Number 00006449. CONWR, Annual Cost CY 1975, Fire Control – 200 and Water Plant –300-1, dated 4/20/76.	See CD #1, Doc. No. 00006449
21- 55	DPRA Document No. 00007321. Lease between USFWS and Commercial Solvents Corporation, Contract Number 14-16-0003-6137, dated September 12, 1963.	See CD #1, Doc. No. 00007321
21- 56	CRO 001270 – CRO 001272. Building & Igloo Lease Contract No. 14-16-0003-81-507, dated January 1, 1981, Page 1 and Pages 1-2 of 1A.	See CD #2, Doc. No. 00024834
21- 57	Industrial Tenant Roster – March 2001, Crab Orchard National Wildlife Refuge, Section 1, Table 1-3 of this report.	See Draft-Final PA/SI Report, Section 1, Table 1-3
21- 58	DOI 001137. Trojan Corporation's response to 104(e) request, dated August 28, 1989, Page 2.	See CD #2, Doc. No. 00018620

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21- 59	PRI-00504, PRI-00507, and PRI-00508. Olin Mathieson Chemical Corporation, Olin Mathieson Chemical Corporation, Ordill Works, Marion, Illinois, Plant Building Directory, Dated March 1963, Pages 3, 6, and 7.	See CD #1, Doc. No. 00013857
21- 60	PRI-00513. Olin inter office memo entitled "Igluos," dated February 23, 1965, Page 1.	See CD #1, Doc. No. 00013861
21- 61	DOI 002583. Olin, Hazardous Waste Facility Closure Plan, Ordill Industrial Area, S.O.P. 90,356 REV. K 9/88, Page 6.	See CD #2, Doc. No. 00019176
21- 62	DPRA Document No. 00012606. Letter from Mr. Eugene Crawford (project manager at CONWR) to Mr. Nori Hamilton of Olin Mathieson Chemical Company, dated February 24, 1956.	See CD #1, Doc. No. 00012606
21- 63	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-103.	See CD #2, Doc. No. 00026221
21- 64	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-103. Cyclotol compositions range from a mix of 75% RDX and 25% TNT to a mix of 60% RDX and 40% TNT. Cyclotol Type IIB contains approximately 0.5% calcium silicate, 69.6% RDX, and 29.9% TNT.	See CD #2, Doc. No. 00026221
21- 65	Department of the Army, September 1984, Department of the Army Technical Manual TM 9-1300-214, Military Explosives, Page 8-100.	See CD #2, Doc. No. 00026221

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
22- 1	U.S. Army Corps of Engineers, Rock Island District, August 1993. Archives Search Report Findings for the former Illinois Ordnance Plant, page 12, 3(c).	See CD #2, Doc. No. 00028115
22- 2	U.S. Army Corps of Engineers, Rock Island District, August 1993. Archives Search Report Findings for the former Illinois Ordnance Plant, page 12, 3(e).	See CD #2, Doc. No. 00028115
22- 3	U.S. Army Corps of Engineers, Rock Island District, August 1993. Archives Search Report Findings for the former Illinois Ordnance Plant, Appendix E, page E-5, B.3.	See CD #2, Doc. No. 00028115
22- 4	Site AUS-0063 was intended to be at the location of COC-12. The locations that were sampled were actually part of COC-9. See discussion in Section 23.	This footnote either provides additional information or further clarifies the text; no document is referenced.
22- 5	Environmental Science and Engineering, Draft Final RI Report for the Explosives/Munitions Manufacturing Operable Unit, Crab Orchard National Wildlife Refuge, September 15, 1994.	See CD #2, Doc. No. 00028035
22- 6	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois	See CD #2, Doc. No. 00030064
22- 7	COC-10 is not shown and is outside the area shown in the figure. COC-10 is discussed in Section 41 of this report and the location is shown in Figure 41-1. Sampling results from the EMMA OU investigation are shown in Figure 41-2 of this report.	This footnote either provides additional information or further clarifies the text; no document is referenced.
22- 8	Environmental Science and Engineering, Inc., Draft Final RI Report for the Explosives/Munitions Manufacturing Operable Unit, Crab Orchard National Wildlife Refuge, September 15, 1994.	See CD #2, Doc. No. 00028035
22- 9	Environmental Science and Engineering, Inc., Record of Decision (ROD) for Crab Orchard National Wildlife Refuge, Explosives/Munitions Manufacturing Are (EMMA) Operable Unit (OU), dated April 22, 1996, Pages D-1 to D-2.	See CD #3, Doc. EMMAROD
22- 10	U.S. Army Corps of Engineers and U.S. Environmental Protection Agency, Crab Orchard National Wildlife Refuge, Explanation of Significant Differences (ESD), Explosives/Munitions Area Operable Unit (EMMA OU), Site COC-4, dated May 1999.	See CD #2, Doc. No. 00030174
22- 11	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-25.	See CD #2, Doc. No. 00030064
22- 12	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-32 and Volume II (Maps) Page R. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
22- 13	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-32 and Volume II (Maps) Page R.	See CD #3, Docs. ENTECHV1 and ENTECHV2
22- 14	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-32 and Volume II (Maps) Page R.	See CD #3, Docs. ENTECHV1 and ENTECHV2

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22- 15	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-32 and Volume II (Maps) Page R.	See CD #3, Docs. ENTECHV1 and ENTECHV2
22- 16	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-32 and Volume II (Maps) Page R.	See CD #3, Docs. ENTECHV1 and ENTECHV2
22- 17	The work was done by Parsons Engineering Science, Inc., under contract to the Army.	This footnote either provides additional information or further clarifies the text; no document is referenced.
22- 18	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Pages 2-25 through 2-27.	See CD #2, Doc. No. 00030064
22- 19	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-27.	See CD #2, Doc. No. 00030064
22- 20	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
22- 21	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
22- 22	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
22- 23	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
22- 24	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
22- 25	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html

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22- 26	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
22- 27	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
22- 28	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
22- 29	MacDonald, D.D., Ingersoll, C.G., Berger, T.A. 1999. Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems. MacDonald Environmental Services Ltd., British Columbia, Canada.	Publicly available at http://www.cerc.cr.usgs.gov/pubs/center/pdfDocs/91126.pdf
22- 30	Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.C. Canfield, F.J. Dwyer, C. E. Henke, N.E. Kemble, D.R. Mount, and R.G. Fox. 1996. Calculation and evaluation of sediment effect concentrations for the amphipod <i>Hyalella azteca</i> and the midge <i>Chironomus riparius</i> . J. Great Lakes Res. 22(3):602-623.	Publicly available from the <u>Journal of Great Lakes Research</u> , Volume 22, Number 3, Pages 602 to 623
22- 31	Ontario Ministry of Environment and Energy. 1995. Ontario's Approach to Sediment Assessment and Remediation. Second SETAC World Congress (16TH Annual Meeting). Vancouver, British Columbia, Canada.	Publicly available from Rein Jaagumagi, Ontario Ministry of Environment and Energy at 416-235-6252
22- 32	NOAA. 1999. Screening quick Reference Tables. National Oceanic and Atmospheric Administration HAZMAT Report 99-1, Seattle Washington.	Publicly available at http://response.restoration.noaa.gov/cprt/sediment/squirt/squirt.html
22- 33	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm
22- 34	Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. Environ. Management. 19(1): 81-97.	Publicly available from the <u>Journal Environmental Management</u> , Volume 19, Issue 1, Pages 81 to 97
22- 35	USEPA. 1999a. National Recommended Water Quality Criteria—Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
22- 36	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm
22- 37	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
22- 38	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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23- 1	U.S. Environmental Protection Agency, Region V, 1997. Record of Decision for Crab Orchard National Wildlife Refuge Explosives/Munitions Operable Unit.	See CD #3, Doc. EMMAROD
23- 2	See Table 2-6 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6
23- 3	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
24- 1	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-27.	See CD #2, Doc. No. 00030064
24- 2	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume II (Maps) Page R. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Doc. ENTECHV2
24- 3	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-27.	See CD #2, Doc. No. 00030064
24- 4	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-27.	See CD #2, Doc. No. 00030064
24- 5	The sample was also labeled AUS-102.	This footnote either provides additional information or further clarifies the text; no document is referenced.
24- 6	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
24- 7	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
24- 8	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
24- 9	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
24- 10	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/rep_orts.html
24- 11	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccmec.ca/ceqg_rcqe/index.html

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24- 12	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
24- 13	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
24- 14	This the 95 percent upper tolerance limit (UTL), based on the 95 percent confidence level. See Section 2 for the development of background values.	See Draft-Final PA/SI Report, Section 2
24- 15	See discussion and results in Section 2 and Table 2-7.	See Draft-Final PA/SI Report, Section 2, and Table 2-7
24- 16	USEPA, 1995. Determination of Background Concentrations of Inorganics in Soils and Sediments at Hazardous Waste Sites. OSWER Engineering Forum Issue. EPA/540/5-96/500.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
24- 17	This the 95 percent upper tolerance limit (UTL), based on the 95 percent confidence level. See Section 2 for the development of background values.	See Draft-Final PA/SI Report, Section 2
24- 18	United States Environmental Protection Agency, Determination of Background Concentrations of Inorganics in Soils and Sediments at Hazardous Waste Site, EPA/540/S-96/500, 1995.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
24- 19	Lodenus, M. 1994. Mercury in Terrestrial Ecosystems: A Review. In Mercury Pollution Integration and Synthesis, Carl J. Watras and John W. Huckabee, editors. Lewis Publishers, Boca Raton, Florida.	Publicly available from CRC Publishers at http://www.crcpress.com/us/ (ISBN No. 1466700663)

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25- 1	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
25- 2	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
25- 3	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
25- 4	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
25- 5	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
25- 6	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
25- 7	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
25- 8	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
25- 9	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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26- 1	Note that according to Leanne Moore of the USFWS, we should assume that the Parsons Engineering report incorrectly identified the location of COC-14 to the south of the COC Area Road, instead of to the north where it was located during the site reconnaissance (See Figure 22-2 for COC area sites).	This footnote either provides additional information or further clarifies the text; no document is referenced.
26- 2	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-27.	See CD #2, Doc. No. 00030064
26- 3	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis – Final Report. Former Illinois Ordnance Plant - Marion, Illinois, Page 2-27.	See CD #2, Doc. No. 00030064
26- 4	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis – Final Report. Former Illinois Ordnance Plant - Marion, Illinois, Page 2-31.	See CD #2, Doc. No. 00030064
26- 5	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
26- 6	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
26- 7	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
26- 8	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
26- 9	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
26- 10	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
26- 11	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
26- 12	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf

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26- 13	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
26- 14	MacDonald, D.D., Ingersoll, C.G., Berger, T.A. 1999. Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems. MacDonald Environmental Services Ltd., British Columbia, Canada.	Publicly available at http://www.cerc.cr.usgs.gov/pubs/center/pdfdocs/91126.pdf
26- 15	Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.C. Canfield, F.J. Dwyer, C. E. Henke, N.E. Kemble, D.R. Mount, and R.G. Fox. 1996. Calculation and evaluation of sediment effect concentrations for the amphipod <i>Hyalella azteca</i> and the midge <i>Chironomus riparius</i> . J. Great Lakes Res. 22(3):602-623.	Publicly available from the <u>Journal of Great Lakes Research</u> , Volume 22, Number 3, Pages 602 to 623
26- 16	Ontario Ministry of Environment and Energy. 1995. Ontario's Approach to Sediment Assessment and Remediation. Second SETAC World Congress (16TH Annual Meeting). Vancouver, British Columbia, Canada.	Publicly available from Rein Jaagumagi, Ontario Ministry of Environment and Energy at 416-235-6252
26- 17	NOAA. 1999. Screening quick Reference Tables. National Oceanic and Atmospheric Administration HAZMAT Report 99-1, Seattle Washington.	Publicly available at http://response.restoration.noaa.gov/cpr/sediment/squirt/squirt.html
26- 18	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
26- 19	Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. Environ. Management. 19(1): 81-97.	Publicly available from the <u>Journal Environmental Management</u> , Volume 19, Issue 1, Pages 81 to 97
26- 20	USEPA. 1999a. National Recommended Water Quality Criteria—Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
26- 21	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
26- 22	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
26- 23	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States - Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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27- 1	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
27- 2	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
27- 3	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
27- 4	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
27- 5	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
27- 6	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
27- 7	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
27- 8	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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28- 1	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Figure 2.1.	See CD #2, Doc. No. 00030064
28- 2	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-31.	See CD #2, Doc. No. 00030064
28- 3	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-23 and Volume II (Maps) Page L. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
28- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-23 and Volume II (Maps) Page L.	See CD #3, Docs. ENTECHV1 and ENTECHV2
28- 5	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-31.	See CD #2, Doc. No. 00030064
28- 6	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-31.	See CD #2, Doc. No. 00030064
28- 7	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-31.	See CD #2, Doc. No. 00030064
28- 8	Parsons Engineering Science, Inc., October 1997, Engineering Evaluation and Cost Analysis, Final Report, Former Illinois Ordnance Plant, Marion, Illinois, Page 2-31.	See CD #2, Doc. No. 00030064
28- 9	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
28- 10	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
28- 11	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
28- 12	Talmage, S.S., D.M. Opreko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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28- 13	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
28- 14	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
28- 15	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
28- 16	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
28- 17	MacDonald, D.D., Ingersoll, C.G., Berger, T.A. 1999. Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems. MacDonald Environmental Services Ltd., British Columbia, Canada.	Publicly available at http://www.cerc.cr.usgs.gov/pubs/center/pdfdocs/91126.pdf
28- 18	Ingersoll, C.G., P.S. Haverland, E.L. Brunson, T.C. Canfield, F.J. Dwyer, C. E. Henke, N.E. Kemble, D.R. Mount, and R.G. Fox. 1996. Calculation and evaluation of sediment effect concentrations for the amphipod <i>Hyalella azteca</i> and the midge <i>Chironomus riparius</i> . J. Great Lakes Res. 22(3):602-623.	Publicly available from the <u>Journal of Great Lakes Research</u> , Volume 22, Number 3, Pages 602 to 623
28- 19	Ontario Ministry of Environment and Energy. 1995. Ontario's Approach to Sediment Assessment and Remediation. Second SETAC World Congress (16TH Annual Meeting). Vancouver, British Columbia, Canada.	Publicly available from Rein Jaagumagi, Ontario Ministry of Environment and Energy at 416-235-6252
28- 20	NOAA. 1999. Screening quick Reference Tables. National Oceanic and Atmospheric Administration HAZMAT Report 99-1, Seattle Washington.	Publicly available at http://response.restoration.noaa.gov/cpr/sediment/squirt/squirt.html
28- 21	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
28- 22	Long, E.R., D.D. MacDonald, S.L. Smith, and F.D. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. Environ. Management. 19(1): 81-97.	Publicly available from the <u>Journal Environmental Management</u> , Volume 19, Issue 1, Pages 81 to 97

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29- 1	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-31 and Volume II (Maps) Page R. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
29- 2	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-31 and Volume II (Maps) Page R.	See CD #3, Docs. ENTECHV1 and ENTECHV2
29- 3	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-31 and Volume II (Maps) Page R.	See CD #3, Docs. ENTECHV1 and ENTECHV2
29- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-31 and Volume II (Maps) Page R.	See CD #3, Docs. ENTECHV1 and ENTECHV2
29- 5	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-31 and Volume II (Maps) Page R.	See CD #3, Docs. ENTECHV1 and ENTECHV2
29- 6	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
29- 7	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft; acceptable for locating site features such as craters.	This footnote either provides additional information or further clarifies the text; no document is referenced.
29- 8	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
29- 9	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
29- 10	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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29- 11	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
29- 12	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
29- 13	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
29- 14	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
29- 15	Lodenius, M. 1994. Mercury in terrestrial Ecosystems: A Review. In Mercury Pollution Integration and Synthesis, Carl J. Watras and John W. Huckabee, editors. Lewis Publishers, Boca Raton, Florida.	Publicly available from CRC Publishers at http://www.crcpress.com/us/ (ISBN No. 1466700663)

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
30- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 9, Page 1.	See CD #1, Doc. No. 00009321
30- 2	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Pages 3-5 and 3-6, and Volume II (Maps) Page A. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
30- 3	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-6, and Volume II (Maps) Page A.	See CD #3, Docs. ENTECHV1 and ENTECHV2
30- 4	DPRA Document No. 00021398. Crab Orchard National Wildlife Refuge, Memorandum to Crab Orchard Sportsmen's Association regarding Special Use Permit No. 48-560, dated August 10, 1948; and DPRA Document No. 00008794. Crab Orchard National Wildlife Refuge Special Use Permit No. 48-560, dated August 10, 1948.	See CD #1 Doc. No. 00008794; and CD #2, Doc. No. 00021398
30- 5	DPRA Document No. 00008838. Crab Orchard National Wildlife Refuge Special Use Permit No. 49-609, dated July 19, 1949.	See CD #1, Doc. No. 00008838
30- 6	DPRA Document No. 00008711. Crab Orchard National Wildlife Refuge, Memorandum to the Refuge Manager at Crab Orchard Refuge in Carterville Illinois regarding Crab Orchard Sportsmen's Association, , dated July 26, 1948.	See CD #1, Doc. No. 00008711
30- 7	DPRA Document No. 00008835. Crab Orchard National Wildlife Refuge, Memorandum to the Chief of the Branch of Wildlife Refuges regarding Special Use Permit No. 49-609, dated July 25, 1949.	See CD #1, Doc. No. 00008835
30- 8	DPRA Document No. 00008048. Crab Orchard National Wildlife Refuge, Memorandum to the Refuge Manager at Crab Orchard Refuge in Carterville, Illinois regarding Crab Orchard Field Trial Club, dated March 28, 1949, Page 1.	See CD #1, Doc. No. 00008048
30- 9	DPRA Document No. 00008838. Crab Orchard National Wildlife Refuge Special Use Permit No. 49-609, dated July 19, 1949, Special Conditions, Paragraph 1.	See CD #1, Doc. No. 00008838
30- 10	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-5, and Volume II (Maps) Page A.	See CD #3, Docs. ENTECHV1 and ENTECHV2
30- 11	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-5, and Volume II (Maps) Page A.	See CD #3, Docs. ENTECHV1 and ENTECHV2
30- 12	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-5, and Volume II (Maps) Page A.	See CD #3, Docs. ENTECHV1 and ENTECHV2
30- 13	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-5, and Volume II (Maps) Page A.	See CD #3, Docs. ENTECHV1 and ENTECHV2

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30- 14	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
30- 15	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
30- 16	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
30- 17	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
30- 18	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
30- 19	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
30- 20	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
30- 21	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
30- 22	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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31- 1	To find the site from Old Highway 13—after turning south on Wolf Creek Road, it is the first field on the west. The east edge of the site is at the west edge of the field, and it extends approximately 300 ft west, into the wooded area.	This footnote either provides additional information or further clarifies the text; no document is referenced.
31- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 6, Page 3.	See CD #1, Doc. No. 00009321
31- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 6, Page 3.	See CD #1, Doc. No. 00009321
31- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-5, and Volume II (Maps) Page A. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
31- 5	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-5.	See CD #3, Doc. ENTECHV1
31- 6	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-5.	See CD #3, Doc. ENTECHV1
31- 7	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 6, Page 3.	See CD #1, Doc. No. 00009321
31- 8	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-5.	See CD #3, Doc. ENTECHV1
31- 9	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
31- 10	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
31- 11	Environment Canada. 1995. Toxicity Testing of NCSR Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
31- 12	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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31- 13	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
31- 14	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccmec.ca/ceqg/rcqe/index.html
31- 15	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values -- Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
31- 16	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
31- 17	USEPA. 1999a. National Recommended Water Quality Criteria--Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
31- 18	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund/resources/ecotox/index.htm
31- 19	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins -- Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
31- 20	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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32- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 10.	See CD #1, Doc. No. 00009321
32- 2	NAR 000019. Illinois Ordnance Plant, Illinois Ordnance Plant Historical Record, April 18th, 1941 to December 31st, 1942, Page 14.	See CD #2, Doc. No. 00023020
32- 3	NAR 000019. Illinois Ordnance Plant, Illinois Ordnance Plant Historical Record, April 18th, 1941 to December 31st, 1942, Page 14.	See CD #2, Doc. No. 00023020
32- 4	DPRA Document No. 00028166. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Draft Uncharacterized Sites Report, dated March 9, 1992, Page 10.	See CD #2, Doc. No. 00028166
32- 5	DPRA Document No. 00028166. Environmental Science & Engineering, Inc., Crab Orchard National Wildlife Refuge, Draft Uncharacterized Sites Report, dated March 9, 1992, Page 10.	See CD #2, Doc. No. 00028166
32- 6	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 10.	See CD #1, Doc. No. 00009321
32- 7	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 10.	See CD #1, Doc. No. 00009321
32- 8	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 10.	See CD #1, Doc. No. 00009321
32- 9	DPRA Document No. 00009059. CONWR, Lease Data and Income Pertaining to Industrial Unit, Crab Orchard National Wildlife Refuge, dated April 12, 1949, Page 18.	See CD #1, Doc. No. 00009059
32- 10	DPRA Document No. 00007764. Fourth Amendment and Codification of Lease, for Olin Mathieson Chemical Corporation, dated September 16, 1958, Pages 1-2.	See CD #1, Doc. No. 00007764
32- 11	DPRA Document No. 00018767. Ninth Amendment and Codification of Lease, for Olin Mathieson Chemical Corporation, dated October 1, 1963, Pages 1-4.	See CD #2, Doc. No. 00018767
32- 12	CRO 000805. U.S. Department of the Interior, Bureau of Sport Fisheries & Wildlife, Fish and Wildlife Service, Crab Orchard National Wildlife Refuge, Narrative Report, January thru April, 1958, Page 18.	See CD #2, Doc. No. 00024778
32- 13	DOI 004896 – DOI 004897. Contract 14-1-6-0003-6137, USFWS Lease information for Commercial Solvents Corporation, dated September 12, 1963, Pages 1-2.	See CD #2, Doc. No. 00021429
32- 14	DPRA Document No. 00007274. First Amendment of Lease Contract No. 14-16-0003-6137, Commercial Solvents Corporation, dated December 18, 1963, Pages 1-2.	See CD #1, Doc. No. 00007274
32- 15	CRO 001316. Lease Contract No. 14-16-0003-12122 by and between U. S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife and Marion Civil Defense Agency, dated September 3, 1965, Page 1.	See CD #2, Doc. No. 00025013
32- 16	DPRA Document No. 00008907. Special Use Permit No. SUP-33-69, dated February 25, 1969.	See CD #1, Doc. No. 00008907
32- 17	DPRA Document No. 00006526. Special Use Permit No. SUP-38-70, dated February 5, 1970.	See CD #1, Doc. No. 00006526

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32- 18	DPRA Document No. 00024967. Building Lease Contract No. 14-16-0003-81-514 by and between U. S. Fish and Wildlife Service and Emergency Service & Disaster Agency, dated October 1, 1980, Page 1.	See CD #2, Doc. No. 00024967
32- 19	Deposition of Harry Stiles on November 18, 1997, Page 60.	See CD #1, Doc. No. 00004105
32- 20	PRI-00521. USDOJ, Letter to Olin Corporation regarding USFWS ceasing to provide rail service at the Refuge, dated July 21, 1975.	See CD #1, Doc. No. 00014186
32- 21	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
32- 22	This building was also removed sometime before the SI.	This footnote either provides additional information or further clarifies the text; no document is referenced.
32- 23	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
32- 24	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 10.	See CD #1, Doc. No. 00009321
32- 25	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
32- 26	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
32- 27	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
32- 28	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
32- 29	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html

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32- 30	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
32- 31	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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33- 1	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-15, and Volume II (Maps) Page G. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
33- 2	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 1.	See CD #3, Doc. ENTECH04
33- 3	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 1 and Page 3.	See CD #3, Doc. ENTECH04
33- 4	Entech, Inc., 2000, Historical Aerial Photographic Analysis of Area 4, Crab Orchard National Wildlife Refuge (CONWR), Figure 2.	See CD #3, Doc. ENTECH04
33- 5	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft; acceptable for locating site features such as spills.	This footnote either provides additional information or further clarifies the text; no document is referenced.
33- 6	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
33- 7	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
33- 8	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
33- 9	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
33- 10	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
33- 11	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf

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33- 12

USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.

Publicly available from the National Technical Information Service, 1-800-553-6847, or from <http://www.ntis.gov>

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34- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 1.	See CD #1, Doc. No. 00009321
34- 2	DPRA Document No. 00009327. Illinois Ordnance Plant, Report on Condition for Extended Non-use of Illinois Ordnance Plant, Carbondale, Illinois, for Reconstruction Finance Corporation, Office of Defense Plants, dated January 1, 1946, Page 80.	See CD #1, Doc. No. 00009327
34- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 7.	See CD #1, Doc. No. 00009321
34- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-55, and Volume II (Maps) Page EE. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
34- 5	DPRA Document No. 00008035. Special Use Permit No. 49-596, dated April 27, 1949.	See CD #1, Doc. No. 00008035
34- 6	DPRA Document No. 00008020. Crab Orchard Field Trial Club, Letter to USFWS renewing Special Use Permit No. 49-596 until August 31, 1959, dated July 2, 1949.	See CD #1, Doc. No. 00008020
34- 7	DPRA Document No. 00008090. Special Use Permit No. 30739, dated September 11, 1959.	See CD #1, Doc. No. 00008090
34- 8	DPRA Document No. 00007754. Special Conditions – Crab Orchard Field Trial Club, Special Use Permit 30738, Page 1.	See CD #1, Doc. No. 00007754
34- 9	DPRA Document No. 00008038. Memorandum from the Regional Director in Minneapolis, MN to the Chief, Branch of Wildlife Refuges dated May 4, 1949, regarding Special Use Permit No. 49-596.	See CD #1, Doc. No. 00008038
34- 10	DPRA Document No. 00008038. Memorandum from the Regional Director in Minneapolis, MN to the Chief, Branch of Wildlife Refuges dated May 4, 1949, regarding Special Use Permit No. 49-596.	See CD #1, Doc. No. 00008038
34- 11	DPRA Document No. 00019083. USFWS, Cancellation of Special Use Permit SUP-22-74 with the Department of Justice-Bureau of Prisons, dated October 25, 1974.	See CD #2, Doc. No. 00019083
34- 12	DPRA Document No. 00019046. Special Use Permit No. SUP-22-74, dated November 14, 1973.	See CD #2, Doc. No. 00019046
34- 13	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
34- 14	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossil.htm

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34- 15 Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
34- 16 Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
34- 17 Efroymson, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymson, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
34- 18 Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
34- 19 Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
34- 20 USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
34- 21 This the 95 percent upper tolerance limit (UTL), based on the 95 percent confidence level. See Section 2 for the development of background values.	This footnote either provides additional information or further clarifies the text; no document is referenced.
34- 22 See discussion and results in Section 2 and Table 2-7.	See Draft-Final PA/SI Report, Section 2, and Table 2-7

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35- 1	The site was designated as such because it is located just north of the federal penitentiary property boundary, near the penitentiary landfill, which was also identified by Entech in the aerial photo interpretation.	This footnote either provides additional information or further clarifies the text; no document is referenced.
35- 2	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-60, and Volume II (Maps) Page FF. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
35- 3	ACO 000128. Interview with Mr. Virgil Hollis as found in Appendix H, Page H-7, of an unknown report.	See CD #2, Doc. No. 00024547
35- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-60, and Volume II (Maps) Page FF.	See CD #3, Docs. ENTECHV1 and ENTECHV2
35- 5	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-60.	See CD #3, Doc. ENTECHV1
35- 6	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-60.	See CD #3, Doc. ENTECHV1
35- 7	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
35- 8	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
35- 9	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
35- 10	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
35- 11	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html

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35- 12	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
35- 13	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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36- 1	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 5, Page 1.	See CD #1, Doc. No. 00009321
36- 2	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 7.	See CD #1, Doc. No. 00009321
36- 3	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 7.	See CD #1, Doc. No. 00009321
36- 4	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 7.	See CD #1, Doc. No. 00009321
36- 5	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 7.	See CD #1, Doc. No. 00009321
36- 6	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 7.	See CD #1, Doc. No. 00009321
36- 7	U.S. Army Corps of Engineers, 1944, War Department Facilities Inventory of the Illinois Ordnance Plant Carbondale, Illinois, Part I, Section 8, Page 7.	See CD #1, Doc. No. 00009321
36- 8	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
36- 9	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
36- 10	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
36- 11	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
36- 12	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.
36- 13	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html

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36- 14	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
36- 15	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
36- 16	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
36- 17	USEPA. 1999a. National Recommended Water Quality Criteria--Correction. Office of Water. EPA 822-Z-99-001. April.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
36- 18	USEPA. 1996. ECO Update: Ecotox Thresholds. EPA-540/F-95/038. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Washington, D.C. 12pp.	Publicly available at http://www.epa.gov/superfund//resources/ecotox/index.htm
36- 19	USEPA. 1999b. Region IV Ecological Risk Assessment Bulletins – Supplement to RAGS. Available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm .	Publicly available at http://www.epa.gov/region4/waste/oftecser/ecolbul.htm
36- 20	ASTER. 2000. Assessment Tools for Evaluation of Risk Database. United States Environmental Protection Agency, Office of Research and Development.	ASTER searches are conducted for persons affiliated with government agencies by contacting the Scientific Outreach program of the USEPA at 218-529-5225

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37- 1	DPRA Document No. CO02236. IOP, Numerical Lists of Layout Plans & Maps and Standard & Typical Drawings, for Railroads, Road, Sewers, drainage, Water & Miscellaneous Drawings, Pages 48 & 83; and DPRA Document No. CO01132. IOP Drawing, Location Layout Fulminate Storage Area, Area - FS, Plan No. 6544-101.48, dated February 23, 1942.	See CD #2, Doc. No. CO02236
37- 2	ACO 005047 - ACO 005109. Office of Field Director of Ammunition Plants, Shut-Down and Decontamination Procedures for F.D.A.P. Facilities.	See CD #2, Doc. No. 00026036
37- 3	ACO 004979 – ACO 004980. CONWR Former IOP Uncharacterized Sites Report, Pages 5 and 6.	See CD #2, Doc. No. 00026036
37- 4	DOI 007947. Unidymanics' (UMC) response to Section 104(e) request for information, Page 2.	See CD #2, Doc. No. 00020382
37- 5	FWM 001316. Lands Designation M-20, Lease Contract No. 14-19-003-1631 by and between Universal Match Corporation and the U. S. Department of the Interior, Fish and Wildlife Service, dated February 14, 1956, Page 1.	See CD #2, Doc. No. 00025015
37- 6	FWM 001325. Lease Contract No. 14-16-0003-3592, Universal Match Corporation, dated April 3, 1961, Page 1.	See CD #2, Doc. No. 00025021
37- 7	According to TechLaw (referenced here (#11)), during his interview, Mr. Pitt stated that UMC stored mercury fulminate in these igloos. However, in Mr. Pitt's deposition (also referenced here (#12)), it appears he stated that UMC did not store mercury fulminate in this area. Note, Mr. Pitt's statement in the deposition is unclear, thus making it difficult to clearly define whether or not he is confirming that UMC stored mercury fulminate in these igloos.	This footnote either provides additional information or further clarifies the text; no document is referenced.
37- 8	Interview with Mr. Mr. Harvey Pitt as found in TechLaw, Inc., 1997, Draft Investigation Report, The Sherwin Williams Company, Illinois Ordnance Plant, Page B-20.	See CD #3, Doc. PITT,TECHLAW
37- 9	Deposition of Harvey Pitt on November 19, 1997, Pages 32-33 & 117-118 & Exhibit 14.	See CD #1, Doc. No. 00004119
37- 10	Deposition of Harvey Pitt on November 19, 1997, Pages 112, 116, & 117 & Exhibit 14 .	See CD #1, Doc. No. 00004119
37- 11	Deposition of John Miller on April 9, 1998, Pages 45-46.	See CD #1, Doc. No. 00004133
37- 12	CRO 001487 through CRO 001494. Special Use Permits for Area 14 igloos, dated March 1970 through February 1978.	See CD #2, Doc. Nos. 00025293, 00025295, 00025296, 00025298, 00025308, 00025313, 00025315, 00025317
37- 13	CRO 001487 through CRO 001494. Special Use Permits for Area 14 igloos, dated March 1970 through February 1978.	See CD #2, Doc. Nos. 00025293, 00025295, 00025296, 00025298, 00025308, 00025313, 00025315, 00025317
37- 14	DOI 001538 – DOI 001539. Igloo Lease Contract No. 14-16-0003-81-506 by and between U. S. Fish and Wildlife Service and Olin Corporation, dated October 1, 1980, Page 1 and Page 1 of Page 1A.	See CD #2, Doc. No. 00018811
37- 15	DOI 001549. Amendment No. 2 to Igloo Lease Contract No. 14-16-0003-81-506, Olin Corporation, dated March 12, 1985.	See CD #2, Doc. No. 00018815

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
37- 16	DOI 008068. Wildlife Materials, Inc.'s response to 104e request, dated June 28, 1989, Page 2.	See CD #2, Doc. No. 00020423
37- 17	DPRA Document No. 00003204. Amendment No. 1 to Igloo Lease Contract No. 14-16-0003-81-509, Wildlife Material, Inc., dated March 1, 1985.	See CD #1, Doc. No. 00003204
37- 18	DOI 008069. Wildlife Materials, Inc.'s response to 104e request, dated June 28, 1989, Page 3.	See CD #2, Doc. No. 00020423
37- 19	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis – Final Report. Former Illinois Ordnance Plant - Marion, Illinois, Page 2-44.	See CD #2, Doc. No. 00030064
37- 20	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis – Final Report. Former Illinois Ordnance Plant - Marion, Illinois, Page 2-46.	See CD #2, Doc. No. 00030064
37- 21	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis – Final Report. Former Illinois Ordnance Plant - Marion, Illinois, Pages 2-46 through 2-47.	See CD #2, Doc. No. 00030064
37- 22	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis – Final Report. Former Illinois Ordnance Plant - Marion, Illinois, Pages 2-46 through 2-47.	See CD #2, Doc. No. 00030064
37- 23	Parsons Engineering Science, Inc., 1997, Engineering Evaluation and Cost Analysis – Final Report. Former Illinois Ordnance Plant - Marion, Illinois, Page 2-47.	See CD #2, Doc. No. 00030064
37- 24	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
37- 25	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
37- 26	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
37- 27	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
37- 28	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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37- 29	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
37- 30	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
37- 31	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values - Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
37- 32	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
37- 33	Arsenic and lead were both found to be normally distributed.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
38- 1	Wayne Adams, personal interview, March 23, 2000.	See CD #3, Doc. ADAMS,W
38- 2	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-10, and Volume II (Maps) Page D. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
38- 3	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-10.	See CD #3, Doc. ENTECHV1
38- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-10.	See CD #3, Doc. ENTECHV1
38- 5	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-10.	See CD #3, Doc. ENTECHV1
38- 6	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-10.	See CD #3, Doc. ENTECHV1
38- 7	See Table 1-11 of this report for Refuge background soil values used for the PA.	See Draft-Final PA/SI Report, Section 2, Table 2-6 (this footnote referenced an incorrect table (1-11), the correct table is 2-6)
38- 8	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
38- 9	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
38- 10	Environment Canada. 1995. Toxicity Testing of NCSR Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
38- 11	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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| 38- 12 | Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2. | Publicly available at
http://www.esd.ornl.gov/programs/ecorisk/reports.html |
| 38- 13 | Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines. | Publicly available at
http://www.ccome.ca/ceqg/rcqe/index.html |
| 38- 14 | Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values - Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands. | Publicly available at
http://www.epa.gov/region4/waste/ots/epatab4.pdf |
| 38- 15 | USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C. | Publicly available from the National Technical Information Service, 1-800-553-6847, or from
http://www.ntis.gov |

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39- 1	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-66, and Volume II (Maps) Page JJ.	See CD #3, Docs. ENTECHV1 and ENTECHV2
39- 2	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-66, and Volume II (Maps) Page JJ. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
39- 3	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-66, and Volume II (Maps) Page JJ. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
39- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-66.	See CD #3, Doc. ENTECHV1
39- 5	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-66.	See CD #3, Doc. ENTECHV1
39- 6	Ray Almaroad, personal interview, September 8, 1999.	See CD #3, Doc. ALMAROAD,R
39- 7	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
39- 8	Duplicate results were not included in the range except when the maximum value detected was in a duplicate sample. Therefore there may be some duplicate samples with results below the low end of the range reported in the tables, that are not shown in the tables.	This footnote either provides additional information or further clarifies the text; no document is referenced.
39- 9	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
39- 10	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
39- 11	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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39- 12	Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
39- 13	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg/rcqe/index.html
39- 14	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
39- 15	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov

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40- 1	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-51, and Volume II (Maps) Page DD. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
40- 2	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-51.	See CD #3, Doc. ENTECHV1
40- 3	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-51.	See CD #3, Doc. ENTECHV1
40- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-51.	See CD #3, Doc. ENTECHV1
40- 5	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
40- 6	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft.	This footnote either provides additional information or further clarifies the text; no document is referenced.
40- 7	Duplicate results were not included in the range except when the maximum value detected was in a duplicate sample. Therefore there may be some duplicate samples with results below the low end of the range reported in the tables, that are not shown in the tables.	This footnote either provides additional information or further clarifies the text; no document is referenced.
40- 8	USEPA. 2000. Ecological Soil Screening Level Guidance (Draft). USEPA Office of Emergency and Remedial Response, Washington, DC.	Publicly available at http://www.epa.gov/superfund/programs/risk/ecorisk/ecossl.htm
40- 9	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
40- 10	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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| 40- 11 | Efroymsen, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymsen, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2. | Publicly available at
http://www.esd.ornl.gov/programs/ecorisk/reports.html |
| 40- 12 | Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines. | Publicly available at
http://www.ccme.ca/ceqg/rcqe/index.html |
| 40- 13 | Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands. | Publicly available at
http://www.epa.gov/region4/waste/ots/epatab4.pdf |
| 40- 14 | USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C. | Publicly available from the National Technical Information Service, 1-800-553-6847, or from
http://www.ntis.gov |
| 40- 15 | Lodenus, M. 1994. Mercury in terrestrial Ecosystems: A Review. In Mercury Pollution Integration and Synthesis, Carl J. Watras and John W. Huckabee, editors. Lewis Publishers, Boca Raton, Florida. | Publicly available from CRC Publishers at
http://www.crcpress.com/us/ (ISBN No. 1466700663) |

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41- 1	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-50, and Volume II (Maps) Page CC. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993. The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
41- 2	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-50.	See CD #3, Doc. ENTECHV1
41- 3	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-50.	See CD #3, Doc. ENTECHV1
41- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge, Marion, Illinois, Volume I (Text) Page 3-50.	See CD #3, Doc. ENTECHV1
41- 5	U.S. Fish & Wildlife Service, Department of the Interior, March 2000, Draft Final Field Sampling Plan Site Inspection, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County), prepared by URS Corporation.	See CD #3, Doc. FSP-URS
41- 6	At the beginning of the project, a test was conducted to estimate the accuracy of locating features from historic aerial photos. Using conventional methods, survey coordinates were obtained of a number of existing features at the Refuge that also appeared on a series of historic photos (for example, the corners of IOP buildings that are still existing). Entech independently obtained coordinates from the aerial photos. The coordinates obtained from the aerial photos were found to be in agreement with the coordinates obtained by conventional methods, within a few ft; acceptable for locating site features such as potential spills	This footnote either provides additional information or further clarifies the text; no document is referenced.
41- 7	Duplicate results were not included in the range except when the maximum value detected was in a duplicate sample. Therefore there may be some duplicate samples with results below the low end of the range reported in the tables, that are not shown in the tables.	This footnote either provides additional information or further clarifies the text; no document is referenced.
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41- 9	Environment Canada. 1995. Toxicity Testing of NCSRP Priority Substances for Development of Soil Quality Guidelines for Contaminated Sites. Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, Environment Canada. Hull, Quebec.	Publicly available from Environment Canada, Guidelines Division, Evaluation and Interpretation Branch, Environmental Conservation Directorate, 351 Boulevard St. Joseph, Place Vincent Massey, Hull, Quebec K1A 0H3.
41- 10	Talmage, S.S., D.M. Opresko, C.J. Maxwell, C.J.E. Welsh, F. M. Cretella, P.H. Reno, and F. B. Daniel. 1999. Nitroaromatic Munition Compounds: Environmental Effects and Screening Values. Rev Environ. Contam. Toxicol 161:1-156.	Publicly available from <u>Reviews of Environmental Contamination and Toxicology</u> , Volume 161, Pages 1 to 156.

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41- 11	Efroymson, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997a. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-85/R3; Efroymson, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, Tennessee. ES/ER/TM-126/R2.	Publicly available at http://www.esd.ornl.gov/programs/ecorisk/reports.html
41- 12	Canadian Council of Ministers of the Environment. 1999. Canadian Environmental Quality Guidelines.	Publicly available at http://www.ccme.ca/ceqg_rcqe/index.html
41- 13	Ministry of Housing, Spatial Planning, and the Environment (MHSPE). 1994. Intervention Values and Target Values – Soil Quality Standards. Directorate General for Environmental Protection, Department of Soil Protection, The Hague, The Netherlands.	Publicly available at http://www.epa.gov/region4/waste/ots/epatab4.pdf
41- 14	USEPA 1991. Assessment and Control of Bioconcentratable Contaminants in Surface Waters (Draft). US Environmental Protection Agency Office of Research and Development, Washington, D.C.	Publicly available from the National Technical Information Service, 1-800-553-6847, or from http://www.ntis.gov
41- 15	This the 95 percent upper tolerance limit (UTL), based on the 95 percent confidence level. See Section 2 for the development of background values.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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43- 1	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7, and Volume II: MAPS, Page B. The Entech reports analyze historic aerial overflight photographs of industrial areas at the Refuge, from 1943 to 1993 (except in Area 2, which was analyzed from 1960-1993). The photos were obtained from the National Archives and Records Administration (NARA) and the U.S. Department of Agriculture Agricultural Stabilization and Conservation Service (ASCS).	See CD #3, Docs. ENTECHV1 and ENTECHV2
43- 2	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
43- 3	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
43- 4	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
43- 5	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
43- 6	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
43- 7	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
43- 8	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
43- 9	CRO 000230. U.S. Department of the Interior, Fish and Wildlife Service, 1950, Map of Crab Orchard National Wildlife Refuge showing Recreational Facilities and Industrial Tenants.	See CD #2, Doc. No. 00025054
43- 10	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
43- 11	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1
43- 12	Entech, Inc., 1999, Historical Aerial Photographic Analysis – Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7, and Volume II: MAPS, Page B.	See CD #3, Docs. ENTECHV1 and ENTECHV2

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
43- 13	DPRA Document No. 00006406. Attachment "C", Land, Dated November 8, 1976. Identifies several companies at CONWR.	See CD #1, Doc. No. 00006406
43- 14	DPRA Document No. 00006409. Special Area Designations Map associated with Attachment "C", Land, Dated November 8, 1976. Identifies several companies at CONWR.	See CD #1, Doc. No. 00006409
43- 15	Entech, Inc., 1999, Historical Aerial Photographic Analysis - Inventory of Potential Disposal Sites: Additional and Uncharacterized Sites (AUS) Operable Unit, Crab Orchard National Wildlife Refuge (CONWR) Marion, Illinois, Volume I: TEXT, Page 3-7.	See CD #3, Doc. ENTECHV1

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REPORT SECTION & FOOTNOTE NO.	Footnote Text	Reference/Notes
App. G- 1	The BNA group is also referred to as semivolatile organic compounds.	This footnote either provides additional information or further clarifies the text; no document is referenced.
App. G- 2	U.S. ACE, 1944, Part I Sect. 7 page 28.	See CD #1, Doc. No. 00009321
App. G- 3	Techlaw, 1992, pages 59-63b.	Refer to Section 11, Area 7 for tenant information.
App. G- 4	Large motors used in pumps, lathes, metal working equipment, etc. require three phase power be supplied to the motor. Three-phase power cannot be supplied using the same electrical service that was installed to supply the single-phase power the IOP used for lighting. Therefore additional equipment had to be installed to support activities other than lighting.	This footnote either provides additional information or further clarifies the text; no document is referenced.
App. G- 5	U.S. EPA, 1990, Declaration for the Record of Decision, Crab Orchard National Wildlife Refuge, PCB Areas Operable Unit.	See CD #2, Doc. No. 00020842
App. G- 6	International Technology Corporation, 1997, Acceptance Report for Closure of PCB Areas Operable Unit Landfill, Crab Orchard National Wildlife Refuge, Marion, IL.	See CD #2, Doc. No. 00029234
App. G- 7	CRO 185 – According to Techlaw, Inc., 1992, Final Draft Report - Site Operations/Ownership History – Crab Orchard National Wildlife Refuge; Prepared for U.S. Army Corps of Engineers, Page 75.	See CD #2, Doc. No. 00025444
App. G- 8	ACO 39 and ACL 670 - According to Techlaw, Inc., 1992, Final Draft Report - Site Operations/Ownership History – Crab Orchard National Wildlife Refuge; Prepared for U.S. Army Corps of Engineers, Pages 6, 25.	See CD#1, Doc. Nos. 0008430 and 00013026
App. G- 9	Testimony of Mr. John Miller taken on April 9, 1998, Page 31.	See CD #1, Doc. No. 00004133
App. G- 10	Testimony of Mr. Robert Meyers taken on April 10, 1998, Page 20.	See CD #1, Doc. No. 00004173
App. G- 11	Testimony of Mr. Harry Stiles taken on November 18, 1997, Page 67.	See CD #1, Doc. No. 00004105
App. G- 12	CRO185 – According to Techlaw, Inc., 1992, Final Draft Report - Site Operations/Ownership History – Crab Orchard National Wildlife Refuge; Prepared for U.S. Army Corps of Engineers, Page 76.	See CD #2, Doc. No. 00005607
App. G- 13	CRO185 – According to Techlaw, Inc., 1992, Final Draft Report - Site Operations/Ownership History – Crab Orchard National Wildlife Refuge; Prepared for U.S. Army Corps of Engineers, Page 75.	See CD #2, Doc. No. 00025444
App. G- 14	The SVOCs as a group comprise the BNA compounds.	This footnote either provides additional information or further clarifies the text; no document is referenced.
App. G- 15	Many amphibians are capable of and extensively utilize "dermal" respiration via their skin. Terrestrial reptiles, for the most part, are incapable of dermal or buccal respiration and have fully developed lungs.	This footnote either provides additional information or further clarifies the text; no document is referenced.

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Footnote Text

Reference/Notes

App. G- 16

Susceptibility is a function of both sensitivity to the chemical and degree of exposure (dose or concentration). Unless certain receptors are known to have greater sensitivity to a chemical, then identifying receptors with greater exposure is a reasonable approach to selecting those at greatest risk.

This footnote either provides additional information or further clarifies the text; no document is referenced.

App. G- 17

Subsurface media are not directly considered here as there is no complete exposure pathway for the subsurface to ecological receptors.

This footnote either provides additional information or further clarifies the text; no document is referenced.