

**ANNUAL REPORT (OCTOBER 2007 – SEPTEMBER 2008)
ARIZONA GAME AND FISH DEPARTMENT
IN-LIEU FEE MITIGATION PROGRAM AND AGREEMENT**

CHEVELON CREEK WILDLIFE AREA WETLAND AND RIPARIAN RESTORATION														
Name of Corps-Permitted Project	Corps File #	General Location of Impact (Waterway/city)	Coordinates of Impact	Fee Amount	Acres of Impact to Corps Jurisdiction	Acres of Mitigation Required	Date Corps Authorized Fee Transfer to ILF Sponsor	Date Funds Received by Sponsor	Date Corps Approved the Obligation of Fees Towards Mitigation Project	Name of ILF Sponsor's Mitigation Project	Jurisdictional Habitat Impacted (riparian, wetland...)	Habitat Used as Mitigation (wetland, riparian, upland...)	Type of Mitigation (restor., enhance., creation, preserv.)	Status of Mitigation Effort (in progress, complete...)
New River at Skunk Creek, Channelization	2003-01343-SDM	Peoria, Maricopa County	T3N, R1E, Sections 10,16,21	\$268,950	30	30	June 14, 2005	June 28, 2005	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Sonoran Interior Strand and Sonoran Riparian Scrubland	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring, planning
Total Fiscal Year October 2004 – September 2005											Total Project Acres =	Total Acres Satisfied =	Total Acres Owed =	Funds Expended =
											215	30	185	\$0
The Aerie, residential community	2004-01841-DE	Sedona, Yavapai County	T17N, R5E, Sections 5,6,7	\$3,982	0.38	0.38	January 24, 2006	January 27, 2006	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Great Basin Conifer	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring, planning
Lake Pleasant 5000, residential community	2003-01525-SDM	Lake Pleasant, Maricopa County	T6N, R2W, Sections 4,5,6,7,8,9,17,18	\$88,368	10.12	10.12	February 13, 2005	February 16, 2006	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Ephemeral Washes, Sonoran Desert Scrub	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring, planning
Cipriani, Road crossings and utility lines	2004-00550-SDM	Phoenix, Maricopa County	T1N, R5W, Sections 12,13,23,24,25	\$4,139	0.474	0.474	April 20, 2006	April 21, 2006	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Ephemeral Washes, Sonoran Desert Scrub	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring, planning
Lake Pleasant Towne Center, commercial development	2002-01273-SDM	Peoria, Maricopa County	T4N, R1E, Section 5	\$3,843	0.44	0.44	May 2, 2006	May 3, 2006	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Ephemeral Washes, Sonoran Desert Scrub	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring, planning
Total Fiscal Year October 2005 – September 2006											Total Project Acres =	Total Acres Satisfied =	Total Acres Owed =	Funds Expended =
											215	41.414	173.586	\$0

North Valley Parkway Extension	2005-01117-SDM	Phoenix, Maricopa County	T5N, R2E Section 11	\$33,531	3.84	3.84	November 14, 2006	November 16, 2006	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Ephemeral Washes, Sonoran Desert Scrub	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring; planning
El Mirage Rd, widening, realigning	2001-01027-SDM	Peoria, Maricopa County	T4N, R1E, Sections 11,13,14,24,25,36	\$16,940	0.64 perm 2.6 temp	0.64 1.3	December 11, 2006	December 13, 2006	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Ephemeral Washes, Sonoran Desert Scrub	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring; planning
Sols Wash, Wickenburg Downtown Flooding Mitigation	2006-01043-SDM	Wickenburg, Maricopa County	T7N, R5W Sections 1,2	\$45,843	5.25	5.25	January 4, 2007	January 11, 2007	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Ephemeral Washes, Mesquite, catclaw, salt cedar, desert broom	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring; planning
Flagstaff Pulliam Airport	2003-01332-DE	Flagstaff, Coconino County	T20N, R7E, Section 4	\$3231	0.37	0.37	March 29, 2007	March 29, 2007	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Petran Montane Conifer Forests	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring; planning
White Water Draw Border Road	SPL-2003-00439-RJD	Douglas, Cochise County	T24S, R27E Sections 22 & 23	\$34,915.55	1.276	4	September 21, 2007	September 25, 2007	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Ephemeral Wash and wetland	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring; planning
Total Fiscal Year October 2006 – September 2007											Total Project Acres = 215	Total Acres Satisfied = 56.814	Total Acres Owed = 158.186	Funds Expended = \$0
Show Low Creek Bridge	2005-191-KAT	Navajo County	T10N, R22E Section 20	23925.68	1.37	2.74	October 2, 2008	April 10, 2008	November 15, 2005	Chevelon Creek Wildlife Area Habitat Restoration	Wetland and Upland Vegetation	Emergent Wetland, Riparian	Enhance and Restore	In progress; monitoring; planning
Total Fiscal Year October 2007 – September 2008											Total Project Acres = 215	Total Acres Satisfied = 59.554	Total Acres Owed = 155.446	Funds Expended = \$ 21,973.40

SPRINGWATER CANYON WETLAND RESTORATION

Name of Corps-Permitted Project	Corps File #	General Location of Impact (Waterway/city)	Coordinates of Impact	Fee Amount	Acres of Impact to Corps Jurisdiction	Acres of Mitigation Required	Date Corps Authorized Fee Transfer to ILF Sponsor	Date Funds Received by Sponsor	Date Corps Approved the Obligation of Fees Towards Mitigation Project	Name of ILF Sponsor's Mitigation Project	Jurisdictional Habitat Impacted (riparian, wetland...)	Habitat Used as Mitigation (wetland, riparian, upland...)	Type of Mitigation (restor., enhance., creation, preserv.)	Status of Mitigation Effort (in progress, complete...)
Cañada del Oro Estates and Rivers Edge, wash channelization, residential subdivision	2003-00124-RJD	Oro Valley, Pima County	T12S, R13E, Section 12	\$17,400	2.07	2.07	April 19, 2006	April 21, 2006	November 10, 2005	Springwater Canyon Habitat Restoration	Xeroriparian Wash, Sonoran Desert Scrub	Wetland	Enhance and Restore	In progress; monitoring; planning
Total Fiscal Year October 2005 – September 2006											Total Project Acres = 2.07	Total Acres Satisfied = 2.07	Total Acres Owed = 0	Funds Expended = \$0
Total Fiscal Year October 2006 – September 2007											Total Project Acres = 2.07	Total Acres Satisfied = 2.07	Total Acres Owed = 0	Funds Expended = \$0
Total Fiscal Year October 2007 – September 2008											Total Project Acres = 2.07	Total Acres Satisfied = 2.07	Total Acres Owed = 0	Funds Expended = \$0

CIENEGUITAS WETLAND RESTORATION

Name of Corps-Permitted Project	Corps File #	General Location of Impact (Waterway/city)	Coordinates of Impact	Fee Amount	Acres of Impact to Corps Jurisdiction	Acres of Mitigation Required	Date Corps Authorized Fee Transfer to ILF Sponsor	Date Funds Received by Sponsor	Date Corps Approved the Obligation of Fees Towards Mitigation Project	Name of ILF Sponsor's Mitigation Project	Jurisdictional Habitat Impacted (riparian, wetland...)	Habitat Used as Mitigation (wetland, riparian, upland...)	Type of Mitigation (restor., enhance., creation, preserv.)	Status of Mitigation Effort (in progress, complete...)
Cañada del Oro Estates and Rivers Edge, wash channelization, residential subdivision	2003-00124-RJD	Oro Valley, Pima County	T12S, R13E, Section 12	\$82,926	14.48	14.48	April 19, 2006	April 21, 2006	January 5, 2006	Cieneguitas Wetland Habitat Restoration	Xeroriparian Wash, Sonoran Desert Scrub	Wetland	Enhance and Restore	In progress; monitoring; planning

City of Nogales, detention basins	2003-01225-RJD	Nogales, Santa Cruz County	T24S, R14E, Section 4	\$25,400	0.43	4.435	September 15, 2006	September 20, 2006	January 5, 2006	Cieneguitas Wetland Habitat Restoration	Xeroriparian Wash, Sonoran Desert Scrub	Wetland	Enhance and Restore	In progress; monitoring; planning
Calle Azulejo detention basin	2005-00383-RJD	Peck Canyon Interchange, Santa Cruz County	T12S, R13E, Section 28	\$6,872	0.40	1.20	April 27, 2006	April 28, 2006	January 5, 2006	Cieneguitas Wetland Habitat Restoration	Xeroriparian Wash	Wetland	Enhance and Restore	In progress; monitoring; planning
Meritage Homes Construction, Kartchner Vistas, residential subdivision	2005-00850-RJD	Benson, Cochise County	T17S, R19E, Section 13; T17S, R20E, Section 18	\$8,161	0.475	1.425	June 13, 2006	June 20, 2006	January 5, 2006	Cieneguitas Wetland Habitat Restoration	Xeroriparian Wash	Wetland	Enhance and Restore	In progress; monitoring; planning
Eagle Crest Ranch, residential and commercial development	2000-00817-SDM	South Pinal County	T10S, R14W, Section 32	\$35,307	4.11	6.17	April 3, 2006	April 5, 2006	January 5, 2006	Cieneguitas Wetland Habitat Restoration	Xeroriparian Wash	Wetland	Enhance and Restore	In progress; monitoring; planning
Garden Canyon Wash, SR 92 road widening, culvert	2005-01781-RJD	Sierra Vista, Cochise County	T22S, R20E, Section 24; T22S, R21E, Section 19	\$973	0.17	0.17	March 30, 2006	March 31, 2006	January 5, 2006	Cieneguitas Wetland Habitat Restoration	Xeroriparian Wash	Wetland	Enhance and Restore	In progress; monitoring; planning
Total Fiscal Year October 2005 – September 2006											Total Project Acres =	Total Acres Satisfied =	Total Acres Owed =	Funds Expended =
											40	27.88	12.12	\$0
US 93 Cottonwood Canyon – Bridle Creek	2004-356-CJL	Maricopa County	T13N, R9W Sections 5,6,8,9,16	\$ 47,900	4.79	8.36	February 7, 2007	May 29, 2007	January 5, 2006	Cieneguitas Wetland Habitat Restoration	Xeroriparian Wash	Wetland	Enhance and Restore	In progress; monitoring; planning
US 93 Wickenburg Bypass	2002-1270-CJL	Maricopa County	T7N, R5W Sections 1,2,12; T8N,R5W Sections 35,36	\$47,368.75	3.41	3.41	February 7, 2007	May 29, 2007	January 5, 2006	Cieneguitas Wetland Habitat Restoration	Xeroriparian Wash	Wetland	Enhance and Restore	In progress; monitoring; planning
White Water Draw Border Road	SPL-2003-00439-RJD	Douglas, Cochise County	T24S, R27E Sections 22,23	\$2004.45	1.276	0.35	September 21, 2007	September 25, 2007	January 5, 2006	Cieneguitas Wetland Habitat Restoration	Xeroriparian Wash	Wetland	Enhance and Restore	In progress; monitoring; planning

Total Fiscal Year October 2006 – September 2007	Total Project Acres = 40	Total Acres Satisfied = 40	Total Acres Owed = 0	Funds Expended = \$0
Total Fiscal Year October 2007 – September 2008	Total Project Acres = 40	Total Acres Satisfied = 40	Total Acres Owed = 0	Funds Expended = \$0

POWERS BUTTE WILDLIFE AREA WETLAND RESTORATION

Name of Corps-Permitted Project	Corps File #	General Location of Impact (Waterway/city)	Coordinates of Impact	Fee Amount	Acres of Impact to Corps Jurisdiction	Acres of Mitigation Required	Date Corps Authorized Fee Transfer to ILF Sponsor	Date Funds Received by Sponsor	Date Corps Approved the Obligation of Fees Towards Mitigation Project	Name of ILF Sponsor's Mitigation Project	Jurisdictional Habitat Impacted (riparian, wetland...)	Habitat Used as Mitigation (wetland, riparian, upland...)	Type of Mitigation (restor., enhance., creation, preserv.)	Status of Mitigation Effort (in progress, complete...)
Cottonwood Retail Center	2006-00103-DE	Cottonwood, Yavapai County	T15N, R3E, Section 11	\$12,134	0.26	0.52	February 20, 2007	March 19, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
ADOT State Route 179 – Project 1	2005-01576-CJL	Oak Creek, Yavapai County	T16N, R5E, Sections 12, 13, 24, 25	\$53,550	1.81	2.29	March 2, 2007	March 19, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
ADOT State Route 179 – Project 2	2007-64-KAT	Oak Creek, Yavapai County	T14N, R6E, Sections 7, 18, 19, 30	\$12,250	0.35	0.525	March 2, 2007	March 19, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Sunhaven Planned Community	SPL-2002-976-AP	Surprise, Maricopa County	T5N, R2W, Sections 17, 19, 20, 21, 28	\$96,136.08	8.24	4.12	March 23, 2007	May 17, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Asante North, Lennar Communities, Inc.	SPL-2006-01125-DE	Surprise, Maricopa County	T5N, R2W, Sections 27, 28, 33, 34	\$10,734	0.46	0.46	February 26, 2007	May 31, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades

Fox Trail Residential Development	SPL-1999-15952-SDM	Surprise, Maricopa County	T4N, R3W, Sections 13, 24	\$9,800	0.42	0.42	May 25, 2007	June 25, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Business Loop 10 at Quartzsite	2007-161-KAT	Quartzsite, La Paz County	T4N, R19W, Section 29	\$12,017	1.03	0.515	July 17, 2007	July 30, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Stone Bridge Mountain Residential Development	SPL-2004-1493-SDM	Mesa, Maricopa County	T1N, R7E, Sections 4, 8, 9	\$101,503	8.7	4.35	June 19, 2007	September 4, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Mirielle Master Planned Development	2006-00346-RWF	Buckeye, Maricopa County	T2N, R4W, sections 5, 6, 7, 8	\$93,336	7.75	4	July 18, 2007	September 6, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Silverstone Development	2006-01805-AP	Scottsdale, Maricopa County	T4N, R4E, Section 14	\$23,334	1	1	July 26, 2007	September 13, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Marabella Residential Development	SPL-2006-857-SDM	Casa Grande, Pinal County	T6S, R6E, Section 3	\$3,033	0.26	0.13	August 3, 2007	October 2, 2007	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Montiere Master Planned Community	SPL-2005-1182-RWF	Buckeye, Maricopa County	T2N, R5W, Section 1	\$40,601.16	1.74	1.74	July 26, 2007	June 18, 2008	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Bella Montana Residential Community	2005-00158-DE	Cottonwood, Yavapai County	T16N, R4E, Section 31 and T15N, R4E, Section 6	\$10,734	0.46	0.46	March 14, 2007	Not yet received	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Arroyo Linda Residential Development	SPL-2004-1401-SDM	Casa Grande, Pinal County	T6S, R6E, Section 9	\$3,150	0.27	0.135	August 22, 2007	Not yet received	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Tartesso East Residential Development	SPL-2006-834-RWF	Buckeye, Maricopa County	T2N, R4W, Sections 13, 14, 24, 25, 26, 33, 35 and T1N,	\$350,010	43.63	15	August 29, 2007	February 27, 2008	January 16, 2007	Powers Butte Wetland Restoration	Xeroriparian Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades

			R4W Sections 1, 3, 4, 9, 10											
Total Fiscal Year October 2006 – September 2007											Total Project Acres = 65.2	Total Acres Satisfied = 18.33 For which funds have been received (an additional ~18 acres of mitigation have been accepted, but no funds yet received)	Total Acres Owed = 46.87	Funds Expended = \$40,000 set aside for infrastru cture repairs – to be utilized Sept – Dec 2007
Skunk Creek Trail	SPL-2006-1682-SDM	Maricopa County	T3N, R1E Sections 2,10,11	\$16,684	1.43	.715	October 17, 2007	Decemb er 19, 2007	January 16, 2007	Powers Butte Wetland Restoration	Ephemeral Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Red River Master-planned Community	SPL-2006-2246-SDM	Pinal County	T5S, R3E Sections 25,26,27,3 4,35	\$49,585	4.25	2.125	November 20, 2007	January 30, 2008	January 16, 2007	Powers Butte Wetland Restoration	Ephemeral Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Mesquite Hills	2006-00187-DE	Yavapai County	T15N, R3E Section 5	\$8,400	.36	.36	January 16, 2008	March 10, 2008	January 16, 2007	Powers Butte Wetland Restoration	Ephemeral Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Hermosa, Hawes, and McDowell Rd Retention Basin	SPL-2007-1425-SDM	Maricopa County	T1N, R7E Section 4,5,6	\$5,834	.5	.25	February 1, 2008	April 16, 2008	January 16, 2007	Powers Butte Wetland Restoration	Ephemeral Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
SR 202 Bridge Widening	SPL-2006-01319-KAT	Maricopa County	T1N, R3E Sections 1,2,3; T1N, R4E Sections 5,6,8,9,10, 11,12,13,1	\$ 315,242. 34	20.47	13.51	February 2, 2008	July 30, 2008	January 16, 2007	Powers Butte Wetland Restoration	Wetland and other waters	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades

			4,15,16; and T1N, R5E Section 18											
Peralta Canyon	SPL-2008-00457-SDM	Pinal County	T1S, R9E Section 16	\$4,667	.4	.2	April 21, 2008	Not yet received	January 16, 2007	Powers Butte Wetland Restoration	Ephemeral Wash	Emergent Wetland, Riparian	Restore, enhance, creation	In progress; monitoring, infrastructure upgrades
Total Fiscal Year October 2007 – September 2008											Total Project Acres = 65.2	Total Acres Satisfied = 52.03 For which funds have been received (an additional .93 acres of mitigation have been accepted, but no funds yet received)	Total Acres Owed = 13.17	Funds Expended = \$86,478. 30 Total repairs to infrastructure including labor

Summary of All Income, Disbursements, and Interest Earned 07-08				
Income Oct 07 – Sept 08	Disbursements Oct 07 – Sept 08	All Interest Oct07 – Sept 08	Additional Funds in Account remaining from previous Fiscal Years Projects (minus all disbursements)	Total Amount in Account
\$813,315.18	\$21,973.40* \$86,478.30 ** \$108,451.70	\$71,852.62	\$1,271,974.04	\$2,048,690.14
	* Funds expended from Chevelon Wildlife Area Wetland Project for Feasability Study. See Status Report Below. **Funds expended from Powers Butte Wildlife Area Restoration Project for labor and infrastructure repair. See Status Report Below.	Interest accrued during fiscal year 07-08 to individual projects: Chevelon: \$27,239.99 Springwater: \$974.26 Cieneguitas: \$14,249.99 <u>Powers Butte: \$29,388.38</u> \$71,852.62		

Status of Arizona Game and Fish Department Mitigation Efforts

Chevelon Wildlife Area Wetlands:

COMPLETED TASKS:

During spring and summer 2006 Southwestern willow flycatcher and other passerine bird surveys were completed.

The AGFD environmental assessment checklist processes have been completed, pending SHPO consultations.

Biological Assessment information for Threatened and Endangered (T&E) species has been submitted to ACOE for consultation purposes. The US Fish and Wildlife Service concurred with the finding of “may affect, not likely to adversely affect” for the Little Colorado spinedace and its critical habitat.

A cultural resource survey has been conducted and submitted to ACOE for consultation with the State Historic Preservation Office (SHPO). SHPO requested revisions to the report and the development of a monitoring and discovery plan.

IN PROCESS:

Revisions to the cultural resource survey and the development of a monitoring and discovery plan is underway and anticipated to be re-submitted to ACOE for consultation with SHPO by November 2008.

Consultation for the cultural report and monitoring and discovery plan (between ACOE and SHPO) remains the final step to begin the on-the-ground portion of the restoration process.

An engineering company has been contracted to begin the feasibility study for the water storage and delivery system and the landscape restoration design.

Powers Butte Wildlife Area:

COMPLETED TASKS:

The AGFD environmental assessment checklist processes have been completed, including T&E and SHPO consultations.

The baseline pre-restoration avian surveys were performed.

Photo points around the restoration area were established.

IN PROCESS:

Refurbishment of the well and irrigation system has been completed with the exception of one valve newly identified as requiring replacement.

Contouring of wetlands and associated pipe work has been initiated.

Preparations have been made for establishment cuttings of willow and cottonwood trees for November 2008 for later planting in 2009.

Springwater and Cienequita Wetland:

COMPLETED TASKS:

The baseline pre-restoration avian surveys were performed.

The baseline pre-restoration vegetation surveys were performed.

Photo points around the restoration area were established.

IN PROCESS:

Currently waiting for BLM to sign and release the NEPA Environmental Assessment and Finding of No Significant Impact. Also, BLM will be submitting a Biological Assessment and Evaluation to FWS for consultation purposes by November 2008. Anticipated completion of FONSI and Final BO is December 2008.

Arlington Wildlife Area:

This project is in its final stages, with all dedicated funds expended. This project was proposed and accepted as an In-Lieu Fee Mitigation site before the first MOA agreement was in place in July 05 (MOA amended in June 06). See the Annual Reports submitted for Oct 04 – Sept 05 and Oct 05 – Sept 06 for additional information.

Restore and Upgrade Pond levees and water control structures:

We re-established the grades and renovated the existing levees, and water control structures. We also enhanced two portions of the levee to create armored spillways at the place where water is likely to enter the pond from local drainage ways, and to provide a point of overflow from the ponds. Particulars are as follows:

1. COMPLETE: Improve the perimeter levees of the two existing wetland units with a designed footprint for the reconstructed levees of approximately 4.37 acres. The improved levees will largely reconstruct the existing levees. Total earthmoving for the levee re-construction will be about 40,500 cubic yards (CY). This amount includes 11,000 CY of topsoil and organic material to be stripped from the borrow location (~ 10.0 acres immediately east of the existing ponds). This material will be subsequently re-

placed on the project perimeter and disturbance areas following project completion. Approximately 29,500 CY of non-organic soil will be excavated from below the topsoil zone and used in levee re-construction.

2. COMPLETE: Install flashboard type water control structures between the upper and lower wetland units and at the outlet of the lower unit to provide water and vegetation management capabilities to both units.
3. COMPLETE: Install water control structures to regulate delivery of water between cells and water surface elevations and another structure to regulate delivery of tailwater from neighboring agricultural fields either into or away from the ponds.
4. COMPLETE: Install emergency spillways to prevent damage to the lower wetland unit from most future flood events from Centennial Wash. Spillways will be incorporated into the design of the unit's levees and use both rock and vegetation for stabilization. One emergency spillway will be constructed on the west levee of the unit and one will be constructed on the south levee of the unit.

Rehabilitate upper pond:

NEARLY COMPLETE: The ponds suffered serious silting in during the 1993 flood. Shallow water levels led to high operational costs to maintain water levels and increased dominance of the upper pond by emergent vegetation, primarily cattail (*Typha* sp.). In recent years cattail has completely covered the surface area of this pond (ca. 4.85 surface acres) and has caused it to become highly eutrophic. This project scope of work included drying the pond to allow construction activities to occur within the footprint and then burn off the existing highly decadent cattail vegetation that currently dominates the upper pond. This burn is tentatively scheduled for winter 2008-09, but probably will not occur for another year due to staff and workload constraints.

COMPLETE: Subsequent to the drying out of the upper pond, potholes totaling about 0.80 acres (~ 16% of pond) were excavated to provide open water habitat for waterfowl. Excavated material was piled into stem levees extending into the pond at the same or similar height as the main levees. The resulting stem levee forms a platform for observation areas and hunting blinds, will increase edge-effect and add diversity to the pond habitat, and will offer points of access to the intimacies of the pond. Potholes are irregular shapes with longest chord perhaps 100 feet in length and excavated to a maximum depth of about 6 feet below existing pond-bottom grade. Sides contour up from maximum depth to existing pond-bottom grade at about a 3:1 slope.

Enhance Water Delivery Infrastructure:

COMPLETE: Water delivery to the existing ponds and new basin has been redeveloped. The existing well, previously powered by a 100 HP electric motor, has been replaced with a diesel engine. This well pumping system and diesel engine, includes a fuel spill containment field and concrete block security compound around the engine and fuel supply. Pipe, fittings and valves were installed (winter 07-08) to accomplish water delivery to each of the 4 constructed cells independently. This pipe materials purchase completed the use of the available dedicated project funds.

Early Project Results: Increases in waterfowl and shorebird usage of the ponds have been noted. Increased numbers of Yuma clapper rail have been observed, as have stilts, and other marsh and shorebirds. Mallards and cinnamon teals reproduced young in the project area. Use by mule deer, raccoons, bobcats, coyotes and other wildlife is remarkable.