Campbell, Linda F

Subject: FW: KINGSTON DREDGE CELL
Location: PLANT MANAGER'S CONFERENCE ROOM

Start: Tue 03/27/2007 12:30 PM
End: Tue 03/27/2007 2:00 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

This is the plant meeting to present findings and a recommendation for path forward

Agenda:

1. Introductions - Lynn Petty

2. Study Findings - PowerPoint Presentation - Neil Davies -GeoSyntec

   Situation Analysis (November 2006)
   Investigation
   Findings and Conclusions
   Seepage Model
   Dredge Cell Restoration
   Monitoring and Maintenance

3. Alternatives Analysis (KT matrix) - Lynn Petty

4. Path Forward

From: Jackson, Beth H
Sent: Tuesday, March 13, 2007 2:42 PM
To: Jackson, Beth H; Beckham, Michael T; Campbell, Linda F; Rushing, Finis D; Settles, James Thomas; Petty, Harold L; Poston, James M
Subject: KINGSTON DREDGE CELL
When: Tuesday, March 27, 2007 12:30 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: PLANT MANAGER'S CONFERENCE ROOM

	Alternatives Considered							
	Alternative No. 1 Improve Toe Drain Along the Entire Length of Swan Pond Road	**Alternative No. 2** Dense Investigation to Identify Other Problem Areas and Localized Improvements	**Alternative No. 3** Deep Trench Drain Along the Entire Length of Swan Pond Road	**Alternative No. 4** Dense Investigation to Identify Other Problem Areas and Localized Trench Drain	**Alternative No. 5** MSE Buttress Along the Entire Length of Swan Pond Road	**Alternative No. 6** Dense Investigation to Identify Other Problem Areas and MSE Buttress in Localized Areas	**Alternative No. 7** Dry Ash Disposal	**Alternative No 8** **Localized Toe Drain Improvements** (Already Implemented in Seep Area) - Return to Normal Dredge Cell Operations with Additional Monitoring, maintenance, surface water improvements and contingencies
Capital Cost (Internal Drainage)	$2.7M	$1.1M	$950K	$560K	$3.4M	$1.02M	$30M	No additional cost [1]
Capital Cost - Surface Water Drainage Improvements	$320K	$320K	$320K	$320K	$320K	$320K	$320K	$320K
Annual O&M Cost [2]	$75K	$75K	$125K	$125K	$75K	$75K	$3M	$50K

Decision Factors

	Description	Weight	Rating	Score	Rating	Score	Rating	Score	Rating	Score	Rating	Score	Rating	Score	Rating	Score	Rating	Score
MUSTS	Return to Long Term Reliable Operations	10	Go		Go		Go		Go		Go		Go		Go		Go	
MUSTS	Meets Regulatory Requirements	10	Go		Go		Go		Go		Go		Go		Go		Go	
MUSTS	Eliminate Possibility of Catastrophic Failure	10	Go		Go		Go		Go		Go		Go		Go		Go	
	Possibility of Major but non-catastrophic blow-out	5	8	40	7	35	8	40	7	35	10	50	7	35	9	45	6	30
	Initial Capital Cost	8	6	48	8	64	8	64	9	72	5	40	8	64	2	16	10	80
	Operational and Maintenance Cost	7	8	56	8	56	8	56	8	56	10	70	8	56	2	14	8	56
	Time to Implement	3	8	24	5	15	8	24	5	15	2	6	3	9	1	3	10	30
	OVERALL MUSTS DECISION / WANTS SCORE		Go	168	Go	170	Go	184	Go	178	Go	166	Go	164	Go	78	Go	196
	OVERALL RANKING		5		4		2		3		6		7		8		1 (Preferred)	

Notes:
(1) Improvements already implemented. No additional cost other than addressing surface water drainage, monitoring etc.
(2) Additional O&M Cost represents cost over and above current O&M e.g. quarterly monitoring of wells and piezometers, inspections, data analysis and reporting.