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January 31, 2011

Mr. Valmichael Leos  
U.S. Environmental Protection Agency, Region 6  
1445 Ross Avenue, Suite 1200  
Dallas, Texas 75202-2733

Re: San Jacinto River Waste Pits Superfund Site  
TCRA Weekly Progress Report No. 012 for January 24-28, 2011;  
U.S. EPA Region 6, CERCLA Docket No. 06-12-10

Project Number: 090557-01

Dear Mr. Leos:

Attached please find TCRA Weekly Progress Report No. 012 for January 24-28, 2011. This report was prepared on behalf of the International Paper Company and McGinnes Industrial Maintenance Corporation for the San Jacinto River Waste Pits Superfund Site in Channelview, Texas. Should you have any questions, please contact me at (228) 818-9626 or email me at [dkeith@anchorqea.com](mailto:dkeith@anchorqea.com).

Sincerely,

John Laplante for David C. Keith  
Project Coordinator

cc: Phil Slowiak, International Paper  
Andrew Shafer, MIMC  
Jennifer Sampson, Integral Corp.

Attachments

**TCRA Weekly Progress Report No. 012**  
**Submitted January 31, 2011**  
**San Jacinto River Waste Pits Superfund Site**  
**USEPA Region 6, CERCLA Docket No. 06-12-10**  
**Channelview, Texas**

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This weekly progress report is submitted pursuant to the Administrative Settlement Agreement and Order on Consent for Removal Action: CERCLA Docket No. 06-12-10, Channelview, Texas, which became effective on May 11, 2010. The Respondents are International Paper Company (IP) and McGinnes Industrial Maintenance Corporation (MIMC).

**A. Summary of Work Performed – Dates: January 24-28, 2011**

The Respondents, Anchor QEA, and USA Environment, completed work on the following tasks:

- Submitted TCRA Weekly Progress Report No. 011 on January 14, 2011.
- Completed production of aggregate.
- Began analytical laboratory testing of processed concrete and aggregate samples.
- USA Environment continued to develop contractor draft work plans described in the approved Removal Action Work Plan.
- Continued investigating on-site security options to be used during active TCRA construction, in light of the security issues discussed in TCRA Weekly Progress Report No. 009.
- Submitted to USEPA a copy of the agreement with TxDOT (signed by TxDOT and effective on January 21, 2011) which permits Respondents to construct and use a road to the waste pits, an equipment and construction material storage area, and a vehicle turnaround area on the TxDOT right-of-way.
- USA Environment entered into the lease for an off-site property to be used as a laydown/storage area.
- Submitted to USEPA supplemental 401, 404(b)(1) and coastal consistency determinations to reflect changed conditions related to laydown, stockpiling, and truck turnaround areas in the TxDOT right-of-way on January 27, 2011.
- Conducted survey of the TxDOT right-of-way that TxDOT required be completed before construction of the road and other improvements on the TxDOT right-of-way can begin.
- Scheduled a meeting with USEPA to discuss plans for proceeding with TCRA construction.

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**B. Summary of Agency Communications**

The written communications between the Respondents and USEPA, including and subsequent to the issuance of the Final Removal Action Work Plan, are summarized in the attached Table 1.

**C. Summary of Sampling Results**

- None for this report.

**D. Problems, Delays, and Solutions**

On January 24, 2011, USEPA counsel transmitted to Respondents' counsel a third Notice of Violation (NOV) via email. As with the prior NOVs, Respondents dispute the USEPA's allegations and will respond in accordance with the AOC.

To address security during construction, in light of the issues described in TCRA Weekly Progress Report No. 009, Respondents are continuing to investigate options including, but not limited to, remote cameras and/or third-party security for the Site.

**E. Projected Work for the Next 2 Weeks – Dates: January 31, 2011 - February 11, 2011**

The Respondents, Anchor QEA, and USA Environment, expect to complete the following tasks in the next 2 weeks:

- Meet with USEPA on January 31, 2011, to discuss plans for the TCRA work.
- With respect to the proposed work schedule presented at that meeting, carry out activities in the proposed work schedule for the next two weeks, subject to USEPA's directions with respect to the work schedule.
- Prepare off-site stockpile areas to receive aggregate.
- Commence construction of the road and related improvements on the TxDOT right-of-way.
- Finalize contractor work plans referenced in Section 4.4 of the approved TCRA Removal Action Work Plan.
- Begin shipping aggregate to site, submit purchase orders for other materials and engage in other activities related to the TCRA work.
- Take steps to address Site security.

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**Channelview, Texas**

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- Set up construction offices and USEPA office.

**F. Schedule**

Attached is the updated project construction schedule, based on Respondents having obtained access to the TxDOT right-of-way.

Prepared by:

John Laplante /for/

David C. Keith  
Project Coordinator

Table of Agency TCRA Communications

Respondents Submittal Date	Respondents Communication Summary	Response from EPA Date	EPA Communication Summary	Notes
11/1/2010	Draft Final Removal Action Work Plan (RAWP) for Time Critical Removal Action	11/8/2010	TCRA Work Plan Approval with Modifications	
11/1/2010	Report on Respondents' best efforts to obtain access			
		11/2/2010	Letter from B. Nann regarding access	
11/9/2010	Memorandum - Review of Geomembrane Comments			
		11/9/2010	Email from B. Nann to Axe/Inglin requesting conference call on November 15, 2010 regarding TCRA access issues	
11/11/2010	Draft Pre-construction Meeting Agenda			
11/11/2010	Final Removal Action Work Plan (RAWP) for Time Critical Removal Action			
11/12/2010	Letter to EPA regarding access			
11/15/2010	Conference call with EPA B. Nann regarding access			Conference call to discuss the technical memorandum about water access versus land access to the TCRA Site. B. Nann stated that RAWP approval occurred 11/8/2010
11/15/2010	TCRA Weekly Progress Report 001 email from J. Laplante to V. Leos and five hard copies			
11/16/2010	Marine Access memo email from D. Keith to USEPA C. Sanchez			Email to USEPA technical team regarding issues related to water-only access to the TCRA site
		11/16/2010	Email from B. Nann to Respondents regarding meeting with Sam Coleman regarding access by water	
11/17/2010	Teleconference between D. Keith and C. Sanchez and V. Leos to discuss the 11/18 technical meeting at USEPA regarding site access			
		11/17/2010	Email from B. Nann to Respondents and TxDOT regarding meeting in Dallas on access issues	
11/17/2010	Email from IP counsel to B. Nann transmitting draft TxDOT license agreement			
11/17/2010	Emails from IP and MIMC counsel to B. Nann regarding meeting with Sam Coleman regarding access			Meeting with Sam Coleman, USEPA Superfund Division Director, to discuss access issues. Meeting took place 11/18/2010.
11/18/2010	Submittal of financial assurance by MIMC to cover revised TCRA cost estimate			
11/22/2010	TCRA Weekly Progress Report 002 email from J. Laplante to V. Leos and 5 hard copies			
11/22/2010	Financial assurance submission by IP with respect to the revised TCRA financial assurance amount			
11/23/2010	Submitted Notice of Start of Construction letter to USEPA			
11/23/2010	Prepared and submitted Request for State Historic Preservation Officer Consultation Form and supplemental information to Mark Wolfe, State Historic Preservation Officer			
11/29/2010	TCRA Weekly Progress Report 003 email from W. Mears to V. Leos and 5 hard copies			
11/30/2010	Submitted Request for Section 401 of the CWA Consultation Review to S. Reilly of TCEQ, with copy to V. Leos			
11/30/2010	Preliminary (unvalidated) Big Star property chemistry data submitted to V. Leos by D. Keith via email			
11/30/2010			Email from V. Leos of USEPA regarding status of preliminary data from Big Star soil sampling	
11/30/2010			Email from B. Nann of USEPA to Respondents' counsel regarding the status of the Big Star sampling results	
11/30/2010	Submitted proposed road license agreement with TxDOT, signed by Respondents' counsel, to B. Nann of USEPA			

Table of Agency TCRA Communications

Respondents Submittal Date	Respondents Communication Summary	Response from EPA Date	EPA Communication Summary	Notes
11/30/2010	Submitted letter to EPA describing Respondents' "best efforts" to obtain access from Big Star and TxDOT and requesting an extension of time to obtain access	12/3/2010		
12/1/2010	Email from MIMC's counsel on behalf of Respondents to B. Nann urging USEPA's quick turnaround on analysis of Big Star soil sample results			
12/1/2010	Email to V. Leos from Project Coordinator updating Big Star soil sampling data			
12/2/2010			Email from B. Nann to Respondents' counsel regarding status of USEPA's analysis of Big Star's sample results and scheduling of conference call to discuss access issues	
12/2/2010	Email from IP Counsel on behalf of Respondents' to B. Nann and S. Coleman regarding obstacles to obtaining access from Big Star and TxDOT	12/3/2010		
12/3/2010			Email from B. Nann to Respondents' counsel and S. Coleman responding to Respondents' December 2, 2010 email regarding obstacles to obtaining access	
12/3/2010	Email from IP counsel on behalf of Respondents' to B. Nann and S. Coleman responding to EPA's December 3, 2010 email regarding access issues			
12/3/2010			Letter from USEPA responding to Respondents' November 30, 2010 letter regarding best efforts, denying extension of time to obtain access	
12/6/2010	TCRA Weekly Progress Report 004 email from J. Laplante to V. Leos and five hard copies			
		12/6/2010	Email from B. Nann to Respondents' counsel regarding TxDOT and Big Star access issues and status of Big Star as PRP	
12/6/2010	Email from IP counsel to B. Nann of behalf of Respondents' regarding van der Horst Site access agreement	12/6/2010	Email from B. Nann to Respondents' counsel regarding van der Horst access agreement	
12/6/2010	Email from IP counsel to USEPA counsel handling van der Horst site regarding access agreement			
12/6/2010	Email from B. Nann to Respondents' counsel regarding scheduling of conference call on access issues			Conference call between Respondents' counsel and USEPA regarding TxDOT access takes place on December 7, 2010
12/6/2010	Email from IP counsel on behalf of Respondents' to B. Nann regarding proposed Big Star lease terms			
12/6/2010	Email from IP counsel on behalf of Respondents' to B. Nann regarding signed access agreement with Big Star for installation of Phase II fencing			
		12/7/2010	Email from B. Nann stating USEPA's approval of Big Star property as a laydown area	
12/7/2010	Email to B. Nann from MIMC counsel on behalf of Respondents' regarding scheduling of conference call with USEPA and Big Star regarding lease			
		12/7/2010	Email from B. Nann to Respondents' counsel regarding her call to Big Star attorney	
		12/7/2010	Email from B. Nann regarding status of proposed TxDOT access agreement language	
12/7/2010	Emails to B. Nann from IP counsel on behalf of Respondents' regarding proposed TxDOT license agreement			
12/7/2010	Email from IP counsel on behalf of Respondents' to B. Nann regarding status of her conversation with Big Star counsel			
		12/8/2010	Email from B. Nann to Respondents' counsel regarding TxDOT and Big Star access status	

Table of Agency TCRA Communications

Respondents Submittal Date	Respondents Communication Summary	Response from EPA Date	EPA Communication Summary	Notes
12/8/2010	Email to B. Nann from IP counsel on behalf of Respondents' regarding TxDOT and Big Star access issues			
12/8/2010	Email to Big Star counsel and B. Nann from IP counsel on behalf of Respondents' regarding status of lease			
		12/8/2010	Email from USEPA counsel for van der Horst site regarding site access agreement with TxDOT	
12/8/2010	Email from IP counsel to USEPA counsel for van der Horst site regarding access agreement with TxDOT			
12/9/2010	Email from A. Shafer (MIMC) to V. Leos and S. Tzhone requesting guidance regarding sign size			
12/9/2010			Email from USEPA V. Leos with a copy of USEPA Pollution Report (POLREP) for the TCRA	
12/10/2010	Email to B. Nann from MIMC counsel on behalf of Respondents' regarding status of TxDOT and Big Star access issues			
12/10/2010	Email to B. Nann from IP counsel on behalf of Respondents' asking if B. Nann would schedule a conference call between Big Star, USEPA, and Respondents' counsel			
12/10/2010	Email to B. Nann from MIMC counsel on behalf of Respondents regarding Big Star Status as a PRP			
12/13/2010	TCRA Weekly Progress Report 005 email from J. Laplante to V. Leos and five hard copies			
12/13/2010	Email to B. Nann from IP counsel on behalf of Respondents regarding status of Big Star and TxDOT access issues			
12/15/2010	Email to B. Nann from MIMC counsel on behalf of Respondents regarding Big Star's position on lease	12/16/2010	Email from B. Nann regarding Big Star's demand for a release of all claims	
12/17/2010	Email to B. Nann from IP counsel on behalf of Respondents regarding Big Star's position on access and requesting EPA's assistance			
12/17/2010	Email to B. Nann from IP counsel on behalf of Respondents asking for conference call to discuss Big Star's demand for a release as a condition of access			
12/20/2010	TCRA Weekly Progress Report 006 email from J. Laplante to V. Leos and five hard copies			
12/21/2010	Email to B. Nann from IP counsel on behalf of Respondents regarding latest demand for full release from Big Star counsel and requesting opportunity to discuss same			
		12/23/2010	Letter from USEPA V. Leos to Respondents in regarding TxDOT access	
12/27/2010	TCRA Weekly Progress Report 007 email from J. Laplante to V. Leos and five hard copies			
		12/27/2010	Email to Respondents' counsel from B. Nann of USEPA forwarding copy of EPA's 12/23/2010 correspondence (letter was not received by Respondents until it was forwarded by USEPA's counsel on December 27 and original sent by mail was not received until December 30, 2010)	

Table of Agency TCRA Communications

Respondents Submittal Date	Respondents Communication Summary	Response from EPA Date	EPA Communication Summary	Notes
		12/30/2010	Letter from USEPA V. Leos to Respondents in regarding TxDOT access, as followup to USEPA letter dated 12/23/2010	
12/30/2010	Letter to V. Leos of USEPA from MIMC counsel on behalf of Respondents in response to USEPA's letters dated 12/23/2010 and 12/30/2010 and initial force majeure notice			
1/3/2011	TCRA Weekly Progress Report 008 email from J. Laplante to V. Leos and five hard copies			
1/4/2011	Email to USEPA from D. Shafer of MIMC regarding delivery of TCRA financial assurance instruments to EPA on 11/19/2010			
1/4/2011	Letter to V. Leos of USEPA from MIMC counsel regarding force majeure event			
1/4/2011	Letter to V. Leos of USEPA from IP counsel joining in MIMC's letter dated 1/4/2011 regarding force majeure event			
1/4/2011	Memorandum to V. Leos of USEPA on the Evaluation of the Potential Change in Water Surface Elevation Due to the Placement of the Capping Remedy			
		1/4/2011	Letter to MIMC from V. Leos of USEPA regarding financial assurance	
1/5/2011	Letter to EPA from IP counsel on behalf of Respondents regarding access issues and notice of force majeure			
		Undated	Letter to Respondents' Project Coordinator from V. Leos regarding USEPA's site inspection of December 8, 2010 and upcoming scheduled work activities. The letter was received on 1/6/2011.	
		1/6/2011	Email to D. Shafer of MIMC from B. Werner of USEPA regarding need for duplicates of TCRA financial assurance instruments	
1/6/2011	Email from D. Shafer of MIMC on behalf of Respondents regarding Site signs and buoys and intent to inspect fencing and signs on 1/7/2011			
		1/7/2011	Email from V. Leos of USEPA stating that representatives from Harris County and TCEQ and himself would be visiting the Site on 1/7/2011	
1/10/2011	TCRA Weekly Progress Report 009 email from J. Laplante to V. Leos and five hard copies			

Table of Agency TCRA Communications

Respondents Submittal Date	Respondents Communication Summary	Response from EPA Date	EPA Communication Summary	Notes
1/12/2011	Email to B. Nann of USEPA from MIMC's counsel on behalf of Respondents regarding TxDOT and Big Star access issues and Big Star's prospective status as a PRP	1/13/2011	Email from B. Nann of USEPA to Respondents' counsel (in response to 1/12/2011 email from MIMC's counsel) regarding TxDOT negotiations, alternative laydown area, and Big Star's status as PRP	
1/13/2011	Email from IP's counsel to B. Nann of USEPA responding to her 1/13/2011 email regarding TxDOT access negotiations	1/14/2011	Email from B. Nann of USEPA to Respondents' counsel responding to 1/13/2011 email from IP's counsel regarding TxDOT access negotiations	
		1/13/2011	Email from B. Nann of USEPA to Respondents' counsel (responding to 1/12/2011 email from MIMC's counsel) addressing "ability to pay" issue for Big Star	
		1/14/2011	Email from B. Nann of USEPA to Respondents' counsel transmitting USEPA letter regarding Notice of Violation	
1/17/2011	TCRA Weekly Progress Report 010 email from J. Laplante to V. Leos and five hard copies			
		1/19/2011	Email from B. Nann of USEPA regarding need to coordinate with USEPA regarding additional plans on TxDOT right-of-way	
1/19/2011	Email from MIMC counsel on behalf of Respondents to B. Nann of USEPA responding to her email of 1/19/2011 regarding additional plans for TxDOT right-of-way			
1/19/2011	Email from Respondents' Project Coordinator to USEPA and Respondents' counsel regarding her telephone conference with V. Leos of USEPA regarding proposed plans for the TxDOT right-of-way and intent to submit amendment to §404(b)(1) documentation.			
		1/21/2011	Email from B. Nann of USEPA to Respondents' counsel forwarding USEPA's 1/21/2011 NOV letter.	
1/24/2011	TCRA Weekly Progress Report 011 email from J. Laplante to V. Leos and five hard copies.			
		1/24/2011	Notice of Violation letter from USEPA regarding non-compliance with the TCRA AOC	
		1/24/2011	Email from B. Nann of USEPA to Respondents' counsel forwarding USEPA's 1/24/11 NOV letter.	
		1/24/2011	Email from V. Leos of USEPA to Respondents' Project Coordinator regarding need to coordinate all communications through B. Nann of USEPA.	
1/25/2011	Email from Respondents' Project Coordinator to V. Leos and B. Nann of USEPA regarding resolution of TxDOT access issue and desire to meet with USEPA regarding project schedule.			
1/26/2011	Follow-up email from Respondents' Project Coordinator to V. Leos and B. Nann of USEPA regarding desire to meet with USEPA to discuss project schedule.	1/26/2011	Email from B. Nann of USEPA stating that V. Leos would respond to the email of Respondents' Project Coordinator when he returns to his office.	
		1/27/2011	Email from V. Leos of USEPA to Respondents' Project Coordinator stating willingness of himself and B. Nann of USEPA to meet to discuss schedule.	
1/27/2011	Submitted to USEPA supplemental 401, 404(b)(1) and coastal consistency determinations to reflect changed conditions related to laydown, stockpiling, and truck turnaround areas in the TxDOT right-of-way on January 27, 2011.			
1/27/2011	Letter from Respondents to CAC members regarding Site status update.			

Table of Agency TCRA Communications

Respondents Submittal Date	Respondents Communication Summary	Response from EPA Date	EPA Communication Summary	Notes
1/27/2011	Email from Respondents' Project Coordinator to USEPA notifying USEPA of the posting of an Addendum regarding Site Access Modifications and a Cultural Resources Addendum to the FTP Site.			
		1/27/2011	Email from V. Leos of USEPA to Respondents' Project Coordinator stating that until USEPA approves modification to Site Plans, Respondents must continue to follow existing work plan.	
		1/28/2011	Email from V. Leos of USEPA clarifying his 1/27/2011 email and stating that USEPA's reviews of Respondents' revised plans do not impede Respondents' ability to continue work at Site.	
1/28/2011	Email from Respondents' Project Coordinator to USEPA regarding meeting with USEPA on 1/31/2011, including attendees and agenda.	1/28/2011	Email from V. Leos of USEPA asking that "water access/barge needed for eastern pit" be added to agenda for 1/31/11 meeting.	
1/28/2011	Email from Respondents' Project Coordinator to V. Leos of USEPA confirming addition to agenda.			
1/28/2011	Letter from MIMC's counsel on behalf of Respondents to USEPA regarding supplement to Respondents' force majeure claims.			
		1/28/2011	Email from B. Nann of USEPA to Respondents and members of CAC regarding status of Site.	
		1/28/2011	Email from B. Nann of USEPA to Respondents' counsel seeking confirmation that no attorneys would be at 1/31/2011 meeting with L. Starfield and S. Coleman of USEPA.	
1/28/2011	Email from IP counsel to B. Nann of USEPA stating his understanding that no counsel would be present at 1/31/2011 meeting.			

## -DRAFT FINAL SCHEDULE- SAN JACINTO RIVER WASTE PITS SUPERFUND SITE

ID	Task Name	Duration	Start	Finish	Per Cent Complete	Timeline											
						Oct	4th Quarter	Nov	Dec	Jan	1st Quarter	Feb	Mar	Apr	2nd Quarter	May	Jun
1	<b>SAN JACINTO WASTE PIT SUPERFUND SITE</b>	178.2 days	Thu 11/11/10	Wed 9/28/11	16%	[Gantt bar from Nov 11 to Sep 28]											
2	Contract Completion	0 days	Thu 12/2/10	Thu 12/2/10	100%	[Milestone diamond at Dec 2]											
3	Notice To Proceed	0 days	Fri 12/3/10	Fri 12/3/10	100%	[Milestone diamond at Dec 3]											
4	<b>Access and Lease Properties</b>	16 days	Tue 1/4/11	Tue 2/1/11	99%	[Gantt bar from Jan 4 to Feb 1]											
5	<b>Management Location</b>	9.6 days	Fri 1/14/11	Tue 2/1/11	99%	[Gantt bar from Jan 14 to Feb 1]											
6	Negotiate Lease	3 days	Fri 1/14/11	Wed 1/19/11	100%	[Gantt bar from Jan 14 to Jan 19]											
7	Management Location Lease Signed	0 days	Thu 1/20/11	Thu 1/20/11	100%	[Milestone diamond at Jan 20]											
8	Management Location Occupy Site	0 days	Tue 2/1/11	Tue 2/1/11	0%	[Milestone diamond at Feb 1]											
9	<b>La Barge</b>	16 days	Tue 1/4/11	Tue 2/1/11	99%	[Gantt bar from Jan 4 to Feb 1]											
10	Negotiate Lease	14 days	Tue 1/4/11	Thu 1/27/11	100%	[Gantt bar from Jan 4 to Jan 27]											
11	La Barge Location Lease Signed	0 days	Thu 1/27/11	Thu 1/27/11	100%	[Milestone diamond at Jan 27]											
12	La Barge Location Occupy Site	0 days	Tue 2/1/11	Tue 2/1/11	0%	[Milestone diamond at Feb 1]											
13	<b>TxDOT ROW</b>	0 days	Mon 1/24/11	Mon 1/24/11	100%	[Milestone diamond at Jan 24]											
14	Access Agreement Signed	0 days	Mon 1/24/11	Mon 1/24/11	100%	[Milestone diamond at Jan 24]											
15	<b>Materials Procurement</b>	102.8 days	Thu 11/11/10	Mon 5/16/11	53%	[Gantt bar from Nov 11 to May 16]											
16	<b>Materials Lead Time</b>	52.8 days	Thu 11/11/10	Wed 2/16/11	100%	[Gantt bar from Nov 11 to Feb 16]											
17	Place Orders - Bouys and Signs	0 days	Thu 11/11/10	Thu 11/11/10	100%	[Milestone diamond at Nov 11]											
18	Place Orders - Materials	0 days	Thu 11/11/10	Thu 11/11/10	100%	[Milestone diamond at Nov 11]											
19	<b>Material Preparation Lead Time</b>	40 days	Tue 12/7/10	Wed 2/16/11	100%	[Gantt bar from Dec 7 to Feb 16]											
20	Natural Stone (36,800 tons, 6 trains)	20 days	Tue 12/7/10	Wed 1/12/11	100%	[Gantt bar from Dec 7 to Jan 12]											
21	Processed Concrete (24,800 tons, 1,240 end dumps)	20 days	Tue 12/7/10	Wed 1/12/11	100%	[Gantt bar from Dec 7 to Jan 12]											
22	Filter Fabric (4 truck loads)	7 days	Tue 12/7/10	Fri 12/17/10	100%	[Gantt bar from Dec 7 to Dec 17]											
23	Access Road Filter Fabric	7 days	Tue 12/7/10	Fri 12/17/10	100%	[Gantt bar from Dec 7 to Dec 17]											
24	Access Road TxDOT Road Base	5 days	Tue 12/7/10	Wed 12/15/10	100%	[Gantt bar from Dec 7 to Dec 15]											
25	LLDPE	40 days	Tue 12/7/10	Wed 2/16/11	100%	[Gantt bar from Dec 7 to Feb 16]											
26	Bouys and signs	20 days	Thu 11/11/10	Fri 12/17/10	100%	[Gantt bar from Nov 11 to Dec 17]											
27	<b>Materials Delivery</b>	58 days	Thu 2/3/11	Mon 5/16/11	0%	[Gantt bar from Feb 3 to May 16]											
28	Natural Stone	50 days	Thu 2/17/11	Mon 5/16/11	0%	[Gantt bar from Feb 17 to May 16]											
29	Processed Concrete	50 days	Thu 2/17/11	Mon 5/16/11	0%	[Gantt bar from Feb 17 to May 16]											
30	Filter Fabric (rock underlay)	5 days	Thu 2/3/11	Fri 2/11/11	0%	[Gantt bar from Feb 3 to Feb 11]											
31	LLDPE	5 days	Thu 2/17/11	Fri 2/25/11	0%	[Gantt bar from Feb 17 to Feb 25]											
32	Bouys and signs Delivery	3 days	Mon 12/20/10	Thu 12/23/10	100%	[Gantt bar from Dec 20 to Dec 23]											
33	Materials Delivery Complete	0 days	Mon 5/16/11	Mon 5/16/11	0%	[Milestone diamond at May 16]											
34	Preconstruction Conference	1 day	Thu 12/16/10	Fri 12/17/10	0%	[Gantt bar from Dec 16 to Dec 17]											
35	<b>Plans and Submittal</b>	30 days	Tue 12/21/10	Mon 2/14/11	83%	[Gantt bar from Dec 21 to Feb 14]											
44	<b>Construction</b>	140.2 days	Thu 12/23/10	Wed 8/31/11	1%	[Gantt bar from Dec 23 to Aug 31]											
45	<b>Project Set-up</b>	10 days	Tue 2/1/11	Thu 2/17/11	0%	[Gantt bar from Feb 1 to Feb 17]											
46	Mobilization	3 days	Tue 2/1/11	Fri 2/4/11	0%	[Gantt bar from Feb 1 to Feb 4]											
47	<b>Property Upgrade/Site Setup</b>	10 days	Tue 2/1/11	Thu 2/17/11	0%	[Gantt bar from Feb 1 to Feb 17]											
48	Management Location	10 days	Tue 2/1/11	Thu 2/17/11	0%	[Gantt bar from Feb 1 to Feb 17]											
49	La Barge	10 days	Tue 2/1/11	Thu 2/17/11	0%	[Gantt bar from Feb 1 to Feb 17]											
50	<b>Site Management Activities</b>	120 days	Tue 2/1/11	Wed 8/31/11	0%	[Gantt bar from Feb 1 to Aug 31]											
55	<b>Access Road Construction</b>	18 days	Wed 1/26/11	Fri 2/25/11	0%	[Gantt bar from Jan 26 to Feb 25]											
56	TxDOT ROW Survey	6 days	Wed 1/26/11	Fri 2/4/11	0%	[Gantt bar from Jan 26 to Feb 4]											
57	Clear and Grub	10 days	Wed 2/2/11	Fri 2/18/11	0%	[Gantt bar from Feb 2 to Feb 18]											
58	Place Filter Fabric and Road Base	10 days	Wed 2/9/11	Fri 2/25/11	0%	[Gantt bar from Feb 9 to Feb 25]											
59	Environmental Protection	40 days	Wed 2/2/11	Tue 4/12/11	0%	[Gantt bar from Feb 2 to Apr 12]											
60	Sign and Bouy Installation	6 days	Thu 12/23/10	Thu 1/6/11	100%	[Gantt bar from Dec 23 to Jan 6]											
61	<b>Armor Cap Placement</b>	105 days	Thu 2/17/11	Tue 8/23/11	0%	[Gantt bar from Feb 17 to Aug 23]											
62	Water Side Placement	105 days	Thu 2/17/11	Tue 8/23/11	0%	[Gantt bar from Feb 17 to Aug 23]											
69	Land Side Placement	98 days	Fri 2/25/11	Thu 8/18/11	0%	[Gantt bar from Feb 25 to Aug 18]											
70	<b>Western Cell Preparation</b>	21 days	Fri 2/25/11	Mon 4/4/11	0%	[Gantt bar from Feb 25 to Apr 4]											
75	<b>Armor Cap Placement</b>	77 days	Mon 4/4/11	Thu 8/18/11	0%	[Gantt bar from Apr 4 to Aug 18]											
82	Substantial Completion	0 days	Tue 8/23/11	Tue 8/23/11	0%	[Milestone diamond at Aug 23]											
83	Demobilization	5 days	Tue 8/23/11	Wed 8/31/11	0%	[Gantt bar from Aug 23 to Aug 31]											
84	<b>Final Reports</b>	20 days	Tue 8/23/11	Wed 9/28/11	0%	[Gantt bar from Aug 23 to Sep 28]											
87	Project Completion	0 days	Wed 9/28/11	Wed 9/28/11	0%	[Milestone diamond at Sep 28]											

Project: San Jacinto River Waste Pits Superfund Site  
Draft Schedule  
Date: Thu 1/27/11

Critical	<span style="background-color: red; width: 20px; height: 10px; display: inline-block;"></span>	Task	<span style="background-color: blue; width: 20px; height: 10px; display: inline-block;"></span>	Progress	<span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span>	Slack	<span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span>	Slippage	<span style="color: red;">◆</span>	Summary	<span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span>	Rolled Up Critical	<span style="background-color: red; width: 20px; height: 10px; display: inline-block;"></span>	External Tasks	<span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span>	Deadline	<span style="color: green;">↓</span>
Critical Split	<span style="border-bottom: 1px dashed red; width: 20px; display: inline-block;"></span>	Split	<span style="border-bottom: 1px dashed blue; width: 20px; display: inline-block;"></span>	Milestone	<span style="color: black;">◆</span>	Slippage	<span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span>	Project Summary	<span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span>	Rolled Up Critical Split	<span style="border-bottom: 1px dashed red; width: 20px; display: inline-block;"></span>	External Milestone	<span style="color: black;">◆</span>				