ANCHOR QEA

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May 15, 2018

Mr. Gary Miller
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 Monthly Report No. 076 April 2018/May 2018
U.S. EPA Region 6, CERCLA Docket No. 06-12-10

Project Number: 160557-01

Dear Mr. Miller:

Attached please find TCRA Monthly Report No. 076 April 2018/May 2018.

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.

Sincerely,

John P. Laplante for David C. Keith
Project Coordinator

cc: Anne Foster, USEPA

100010816

**TCRA Monthly Report No. 076**
**Submitted May 15, 2018**
**San Jacinto River Waste Pits Superfund Site**
**USEPA Region 6, CERCLA Docket No. 06-12-10**
**Channelview, Texas**

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This monthly 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 17, 2010 (AOC). The AOC establishes the requirements for a Time Critical Removal Action (TCRA). The Respondents are International Paper Company (IP) and McGinnes Industrial Maintenance Corporation (MIMC). This monthly report has been initiated to replace the weekly report that was formerly submitted to the United States Environmental Protection Agency (USEPA) for the same project. Approval to change from weekly to monthly reporting was requested by the Respondents from USEPA in accordance with Section VIII, Paragraph 49.a. of the AOC. USEPA granted approval of this requested change on January 18, 2012.

## A. Summary of Work Performed – Dates: April 2018-May 2018

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

- Submitted TCRA Monthly Progress Report No. 075 on April 16, 2018.
- Conducted probing of the armored cap on April 20, 2018, in accordance with April 19, 2018 notice to USEPA.
- Notified USEPA on April 25, 2018, that the April 20, 2018 probing event found that the armor rock layer is present throughout the area of interest and that no maintenance is required.
- At the request of USEPA, provided electronic files on April 27, 2018 for USEPA's use in conducting a dive survey.
- Submitted Post-TCRA Quarterly Inspection and Maintenance Completion Report – April 2018 on May 9, 2018.

## B. Summary of Agency Communications

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

## C. Summary of Sampling Results

None.

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## D. Problems, Delays, and Solutions

***Removal Action Completion Report (RACR)***

Respondents received a letter from USEPA dated July 24, 2012 (July 24 Letter), stating that USEPA had issued a letter dated May 22, 2012 (May 22 Letter), regarding the RACR. Prior to receiving the July 24 Letter, Respondents had not received the May 22 Letter in accordance with the requirements of the AOC. The subsequently emailed version of the May 22 Letter refers to USEPA's decision to disapprove the draft final RACR and issue the RACR in final form with revisions that USEPA had requested be made in the RACR, but that Respondents had declined to make, for reasons detailed in correspondence with USEPA dated March 8, 2012. On August 15, 2012, the Respondents received a copy of the final RACR in the form issued by USEPA. Pursuant to an email from USEPA's counsel dated August 10, 2012, USEPA extended the time for Respondents to exercise any rights that they have under the AOC to dispute USEPA's actions as reflected in the May 22 Letter. The extension was for a period of 60 days from the date on which Respondents and USEPA met to discuss this issue and issues related to stipulated penalties in general. That meeting took place on October 9, 2012. On various occasions, USEPA has agreed to further extend the deadline. The most recent extension is to May 25, 2018, as confirmed in a letter from counsel for IP to USEPA Regional Counsel dated November 21, 2017.

***Notices of Violation***

Respondents continue to dispute USEPA's allegations contained in USEPA's Notices of Violations dated January 14, January 21, and January 24, 2011, and on April 4, 2011, they submitted an additional notice of dispute to USEPA with respect to USEPA's Notice of Violation dated March 3, 2011, and certain statements contained in two other letters from USEPA dated March 3, 2011. They also dispute USEPA's rejection by letter dated February 16, 2011, of their force majeure claim. They submitted a Notice of Dispute to USEPA on March 18, 2011, and made a supplemental submittal to USEPA on September 9, 2011, in response to that letter. On August 11, 2011, Respondents received a letter from USEPA dated August 5, 2011, alleging non-compliance with deadlines contained in the AOC. Respondents submitted a notice of dispute to USEPA on September 9, 2011, in response to the August 5, 2011 letter, pursuant to which they dispute any claim by USEPA that they are subject to stipulated penalties under the AOC or associated with the TCRA, as to which construction was substantially completed as of July 14, 2011, several weeks ahead of the original schedule for its substantial completion.

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***Access Issues***

USEPA had agreed to extend the deadline it had set for Respondents to obtain access from San Jacinto River Fleet (SJRF), as the new owner of the property once owned by Big Star Barge & Boat Company, Inc. Subsequently, in an email dated October 6, 2011, USEPA's counsel asked Respondents to continue to work with SJRF to obtain access to the SJRF property but removed the deadline that had previously been set for Respondents to obtain such access. In an email dated October 7, 2011, SJRF's Vice-President, Brian Darnell, stated that Respondents could access portions of the SJRF's property, and in a later email, dated October 14, 2011, identified conditions that would be required for access to the other portions of the SJRF property. Respondents reviewed those conditions and responded to Mr. Darnell's October 14, 2011 email, by email dated October 31, 2011, a copy of which was sent to USEPA. On December 27, 2011, Respondents received a response from Mr. Darnell to their October 31, 2011 email, and given that the Respondents do not currently anticipate a need for access to the SJRF's property, have deferred a response to the issues raised in the email. Respondents will continue to pursue efforts to reach an access agreement with SJRF, should there be a need for access to the SJRF's property. USEPA had raised questions regarding a submission made by MIMC's counsel on September 30, 2011, regarding access issues with respect to the western boundary of the impoundments. Counsel for both of the Respondents have made submissions to USEPA in response.

***SJRF Operations***

Respondents have notified USEPA of, and previously addressed in their monthly reports under the Unilateral Administrative Order for the Site, their concerns regarding SJRF's operations in the vicinity of the Site. These concerns are applicable to the TCRA as well, due to potential adverse impact on the TCRA armored cap, and Respondents are now reporting such matters primarily in monthly reports submitted with respect to the AOC. Pursuant to an email dated February 9, 2012, USEPA's counsel forwarded to Respondents' counsel a copy of a draft sampling and analysis plan prepared for SJRF (SJRF Draft SAP). The SJRF Draft SAP purports to address "existing environmental impact that could be disturbed by SJRF's commercial operations" in the vicinity of the Site. Respondents submitted correspondence dated March 8, 2012, to USEPA on the Respondents' concerns regarding potential impacts of SJRF's operations on the TCRA armored cap. The March 8, 2012 correspondence included Respondents' comments on the SJRF Draft SAP. On May 1, 2012, Respondents' counsel were informed by USEPA's counsel that the SJRF Draft SAP remained under review by USEPA. On May 16, 2012,

USEPA's counsel provided Respondents' counsel with comments from the U.S. Department of Commerce National Oceanic and Atmospheric Administration (NOAA), the TCEQ, and the Harris County Pollution Control Services Department regarding the SJRF Draft SAP. On June 12, 2012, USEPA forwarded Respondents' Project Coordinator a copy of USEPA's June 12, 2012 correspondence with the SJRF pursuant to which it transmitted to SJRF its comments on the SJRF Draft SAP. On September 17, 2012, USEPA forwarded to Respondents the Revised SJRF SAP. USEPA subsequently confirmed that the Respondents could submit comments on the Revised SJRF SAP. On January 2, 2013, Respondents submitted to USEPA, via email, their comments regarding the Revised SJRF SAP. Respondents intend to continue to work with USEPA on this issue.

***TCRA Cap Maintenance***

During a scheduled inspection of the TCRA armored cap on July 20, 2012, visible geotextile was noted in discrete locations near the top of the western berm. The Respondents and Anchor QEA notified USEPA verbally regarding these observations on July 20, 2012. Anchor QEA performed additional inspections on July 21 and 22, 2012, and collected survey data of these areas on July 23, 2012. Pursuant to the MOM Plan, Respondents submitted written notification and an inspection report to USEPA to document these observations.

Also in accordance with the OMM Plan, the Respondents submitted a TCRA Repair Plan to USEPA for review and approval on July 27, 2012. USEPA approved the TCRA Repair Plan by letter dated July 31, 2012 from Valmichael Leos. The Respondents' contractor, USA Environment, LP, mobilized to the TCRA Site within one business day of plan approval on August 1, 2012, in accordance with the OMM Plan. Cap maintenance activities were performed August 1 and 2, 2012, and were completed on August 3, 2012. The TCRA Maintenance Completion Report was submitted to USEPA on August 27, 2012. Regarding approval of the TCRA Repair Plan on July 31, 2012, USEPA requested information and raised questions with respect to certain aspects of the TCRA armored cap's design, construction, and current condition. Respondents submitted a letter to USEPA dated September 18, 2012, in response to the July 31, 2012 letter from Valmichael Leos. On October 10, 2012, Mr. Leos emailed a letter (the October 10 Letter) to Respondents' Project Manager. A list of 13 questions regarding the TCRA armored cap was attached to the October 10 Letter. Respondents analyzed these questions and requested a meeting with USEPA and the USACE to address the questions, including making a formal written request for a meeting in a letter dated January 2, 2013. The

meeting was held on January 16, 2013. As requested by USEPA and discussed during the January 16, 2013 meeting, Respondents prepared and submitted a report on April 5, 2013 regarding the reassessment of the TCRA design and construction. By email dated April 25, 2013, and letter dated May 1, 2013 (the May 1 Letter), USEPA requested that the Respondents respond to a series of technical questions regarding the TCRA design. The Respondents participated in a conference call with USEPA to discuss these questions on May 9, 2013. Subsequent to the May 9 conference call, USEPA submitted additional follow-up technical questions to the Respondents via an email dated May 10, 2013. The Respondents submitted a letter to USEPA on June 14, 2013, responding to the questions contained in the May 1 Letter and the May 10, 2013, email. On January 15, 2013, Mr. Leos of USEPA was notified verbally and by letter of a maintenance issue identified as part of the quarterly inspection of the TCRA cap required by the OMM Plan. Additional communications with Mr. Leos took place with respect to additional inspection activities and maintenance issues. In accordance with the OMM Plan, the Respondents prepared a TCRA Repair Plan, which was submitted to USEPA on January 23, 2013 and approved by USEPA on January 24, 2013. The Respondents' contractor, USA Environment, LP, mobilized to the TCRA Site on January 25, 2013 and completed the cap maintenance activity on January 31, 2013 and fence maintenance activity on February 6, 2013. The Respondents prepared a TCRA Maintenance Completion Report to document these activities and submitted the report to USEPA on February 15, 2013.

On November 1, 2013, USEPA submitted a letter to the Respondents regarding USEPA's assessment of the TCRA cap. The letter enclosed a USACE October 2013 report entitled "Review of Design, Construction and Repair of TCRA Armoring for West Berm of San Jacinto Waste Pits," and requested that Respondents prepare a work plan with respect to certain matters addressed in the Report. In response to USEPA's request, Respondents on November 27, 2013 prepared and submitted the TCRA Enhancement Work Plan. On January 10, 2014, USEPA approved the TCRA Enhancement Work Plan. Respondents began the construction activities described in the approved Work Plan on January 17 and completed construction on January 27, 2014.

## E. <u>Projected Work for the Next 2 Months – May 2018-July 2018</u>

The Respondents and Anchor QEA expect to conduct the following tasks in the next 2 months:

- Continue to work with USEPA, if necessary, to address impacts of the SJRF's operations.

- Respond to notifications, if any, with respect to the monitoring system installed on the TCRA armored cap.
- Begin the next quarterly inspection of the TCRA.
- Participate in USEPA dive team inspection currently planned for June 4-9, 2018.

**F. Schedule**

Attached is the approved project construction schedule, which is being included, as directed by USEPA in a letter from Valmichael Leos to David Keith of Anchor QEA dated February 10, 2011. The approved construction schedule is out of date, as it references armor cap materials whose designations have now changed (as explained in the approved revised RAW [Revised RAW]), and includes "start" and "finish" dates for these materials that are no longer applicable since the sequencing of placement of the construction materials has also changed, as explained in the approved Revised RAWP. Note that armor cap material designations referred to above are based on the approved Revised RAWP.

A proposed updated project construction schedule, based on Respondents having obtained access to the TxDOT ROW, and secured a lease for a laydown area and dock facility, was transmitted to USEPA on February 14, 2011. Respondents prepared the updated project construction schedule pursuant to USEPA's direction, and it further revised and updated the schedule presented and submitted to USEPA at a January 31, 2011 meeting. On March 3, 2011, USEPA provided a letter indicating the proposed schedule was not approved and invited Respondents to request a meeting with USEPA if desired. A meeting with USEPA regarding the schedule took place on March 24, 2011, and based on that meeting, the Respondents did not submit a revised schedule. USEPA suggested during the March 24, 2011 meeting that the schedule be discussed in June or July 2011. Respondents note that the USEPA's August 5, 2011 letter (received by them on August 11, 2011) identifies alleged failure to meet construction deadlines contained in the outdated construction schedule. As noted above, Respondents on September 9, 2011 submitted a notice of dispute to USEPA with respect to the August 5, 2011 letter and any alleged violations of or non-compliance with the AOC with respect to such deadlines.

Table 2 presents a summary list of the major cap construction elements and their dates of completion. Please note that the tasks set out in Table 2 do not coincide with the tasks listed in the approved project construction schedule since, as discussed above, the

approved schedule is out of date. In addition, the material designations referred to below are based on the approved Revised RAWP, which contains material designations that differ from those referred to in the out-of-date approved project construction schedule.

**Table 2**
**Summary of Cap Construction Elements**

| Task | Date Completed |
|---|---|
| Water-side geotextile placement | May 16, 2011 |
| Water-side placement of Cap A material | May 19, 2011 |
| Water-side placement of Cap C material | May 13, 2011 |
| Water-side placement of Cap D material | May 16, 2011 |
| Clearing and grubbing of Western Cell | April 8, 2011 |
| Stabilization of Western Cell | May 17, 2011 |
| Land-side granular fill placement in Western Cell | May 24, 2011 |
| Land-side LLDPE placement in Western Cell | June 1, 2011 |
| Land-side placement of Cap A material[1] | May 19, 2011 |
| Land-side placement of Cap B/C material | June 24, 2011 |
| Land-side placement of Cap D material | July 12, 2011 |

1. On June 24, 2011, the more protective Cap B/C rock was placed in a small portion of the Western Cell in which Cap A rock was originally going to be placed to complete the work in this area.

Prepared by:
John P. Laplante /for/
David C. Keith, Project Coordinator

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA 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 | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA 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 | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA 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 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) | |

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| | | 12/30/2010 | Letter from USEPA V. Leos to Respondents in regarding TxDOT access, as follow-up 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 | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA 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. | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 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. | | | |
| 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. Starfied 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. | | | |
| 1/31/2011 | TCRA Weekly Progress Report 012 email from J. Laplante to V. Leos and five hard copies. | | | |
| 1/31/2011 | Letter from D. Keith to V. Leos and B. Nann requesting review and approval of attached revised TCRA construction schedule; reiterating request for review and approval of 401/404(b)(1) documentation relating to changes in TxDOT access, and requesting clarification on future communications between Respondents and USEPA. | | | |
| 1/31/2011 | Email from MIMC counsel to B. Nann of USEPA regarding planned attendees for 1/31/2011 meeting with L. Starfield, et al. of USEPA. | | | |
| 1/31/2011 | Email from MIMC counsel to B. Nann of USEPA regarding lack of attendance of legal counsel at USEPA meeting regarding TCRA schedule. | 1/31/2011 | Emails from B. Nann of USEPA regarding 1/31/2011 meeting regarding TCRA schedule and attendance of legal counsel | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 2/1/2011 | USA Environment submittals 1, 2, and 3 (geotextiles and geomembrane) transmitted via email from J. Laplante to V. Leos and B. Nann. | | | |
| 2/2/2011 | USA Environment submittals 4 and 5 (CHASP and geotextile) transmitted via email from J. Laplante to V. Leos and B. Nann. | | | |
| 2/3/2011 | USA Environment submittals 6, 7, 8 and 9 (partial stone chemistry results; Armor Cap C and D gradation curves, list of subcontractors) transmitted via 2 emails from J. Laplante to V. Leos and B. Nann. | | | |
| 2/4/2011 | USA Environment submittals 10 and 11 (CWP, EPP, SWPPP) transmitted via email from J. Laplante to V. Leos and B. Nann. | | | |
| 2/4/2011 | Revised RAWP document transmitted via email from J. Laplante to V. Leos and B. Nann for review. | | | |
| 2/7/2011 | TCRA Weekly Progress Report 013 email from J. Laplante to V. Leos and five hard copies. | | | |
| 2/8/2011 | Copy of Market Street and LaBarge Site Lease Agreements sent via email and hard copy from J. Laplante to V. Leos and B. Nann. | | | |
| 2/8/2011 | Notification of TCRA subcontractors letter sent by email and hard copy from J. Laplante to V. Leos and B. Nann. | | | |
| | | 2/10/2011 | Letter from USEPA V. Leos to D. Keith requesting that TCRA Weekly Updates include a copy of the approved TCRA Schedule instead of the proposed revised TCRA schedule. | |
| | | 2/10/2011 | Letter from USEPA V. Leos to D. Keith approving Addendum Regarding Site Access Modifications, subject to additional clarifying text proposed by USEPA to be included in the Addendum. | |
| | | 2/10/2011 | Letter from USEPA V. Leos to D. Keith requesting specific additional detail be provided in the proposed revised TCRA schedule. | |
| 2/10/2011 | Email to V. Leos of USEPA from D. Shafer of MIMC, on behalf of Respondents, regarding proposed Administration Site signs. | 2/11/2011 | Email from V. Leos of USEPA to Respondents approving Administration Site signs. | |
| 2/11/2011 | Minutes from February 4, 2011 USEPA Weekly Update teleconference sent via email from J. Laplante to V. Leos and B. Nann. | | | |
| 2/14/2011 | TCRA Weekly Progress Report 014 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 2/14/2011 | Letter from MIMC counsel, on behalf of Respondents, to USEPA regarding notice of dispute relative to USEPA's January 14, 2011, Notice of Violation. | 2/16/2011 | Email from B. Nann of USEPA to Respondents' counsel transmitting USEPA's response to Respondents' force majeure claim. | |
| 2/14/2011 | J. Laplante submitted TCRA Detailed Schedule to V. Leos and B. Nann. | | | |
| 2/15/2011 | J. Laplante submitted to V. Leos and B. Nann information on Exclusion Zone and Restricted Zone as developed by Respondents' contractor USA Environment. | | | |
| | | 2/16/2011 | Email from B. Nann of USEPA to Respondents' counsel regarding Respondents' notice of dispute relative to January 14, 2011, Notice of Violation. | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 2/18/2011 | J. Laplante submitted to V. Leos and B. Nann contact information for the Channelview Volunteer Fire Department via email. | | | |
| 2/18/2011 | J. Laplante submitted to V. Leos and B. Nann a draft Emergency Contingency Plan, as requested by USEPA, via email. | | | |
| 2/22/2011 | TCRA Weekly Progress Report 015 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 2/22/2011 | Submittal via hand delivery of Respondents' Notice of Dispute relative to the January 21, 2011 NOV and the January 24, 2011 NOV. | | | |
| 2/23/2011 | Clarification of RAWP and Schedule Edits email from J. Laplante to V. Leos and B. Nann and five hard copies. | 3/3/2011 | Letter from V. Leos approving changes to Removal Action Work Plan, but not approving revised construction schedule | USEPA requested that Respondents schedule a meeting immediately if original schedule completion date of September 2, 2011 cannot be maintained |
| 2/23/2011 | USA Environment Submittal 10 - Approved Contractor Work Plan submittal email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 2/24/2011 | Updated Analyte List email from J. Laplante to V. Leos and B. Nann. | | | |
| 2/28/2011 | TCRA Weekly Progress Report 016 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 3/1/2011 | USA Environment Submittals 6a, 12, 13a, and 14 - Approved natural stone and processed concrete aggregate chemistry results, Armor Cap B/C gradation, and Contractor Site Security Plan submittals transmitted via email and hard copy from J. Laplante to V. Leos and B. Nann. | | | |
| | | 3/3/2011 | Letter from USEPA V. Leos providing update on status of NOVs. | |
| | | 3/3/2011 | Notice of Violation letter from USEPA regarding non-compliance with the TCRA AOC. | |
| | | 3/3/2011 | Letter from V. Leos of USEPA to Respondents' Project Coordinator regarding Respondents' request to change Removal Action Work Plan and Work Schedule. | |
| 3/3/2011 | Notification of Proposed Non-Hazardous Landfill letter from J. Laplante to V. Leos. | 3/4/2011 | Approval of Respondent's selected Subtitle D Landfill sent via email from V. Leos to J. Laplante. | |
| 3/7/2011 | TCRA Weekly Progress Report 017 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 3/10/2011 | Submittals 17 and 18 - Approved Armor Cap A gradation results, and LLDPE liner test results submittals transmitted via email and hard copy from J. Laplante to V. Leos and B. Nann. | | | |
| | | 3/11/2011 | Email from B. Nann of USEPA to Respondents' counsel transmitting USEPA's response to Respondents' Notice of Dispute dated February 14, 2011. | |
| 3/14/2011 | TCRA Weekly Progress Report 018 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 3/17/2011 | Revised Emergency Contingency Plan (ECP) sent from J. Laplante to V. Leos and B. Nann via email and hard copy. | | | |
| 3/18/2011 | Updated Notification of TCRA Subcontractors sent from J. Laplante to V. Leos and B. Nann via email and hard copy. | | | |
| 3/18/2011 | Submittal via hand delivery of Respondents' Notice of Dispute relative to USEPA's February 16, 2011, rejection of Respondents' force majeure claim. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 3/21/2011 | TCRA Weekly Progress Report 019 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 3/28/2011 | TCRA Weekly Progress Report 020 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| | | 3/28/2011 | Letter from USEPA V. Leos to D. Keith requesting revision of weekly reports 017, 018, and 019 to remove the proposed revised schedule from these reports, and to cease inclusion of the proposed revised schedule in future weekly reports. | |
| 4/4/2011 | TCRA Weekly Progress Report 021 and amended Progress Reports No. 017, 018, and 019 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| | | 4/8/2011 | Letter from USEPA V. Leos to D. Keith requesting a formal response to concerns regarding displacement of waste sludge that has been observed during cap construction activities. | |
| 4/11/2011 | TCRA Weekly Progress Report 022 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 4/14/2011 | Submitted via email from J. Laplante to V. Leos and B. Nann approved contractor Submittals 19 and 20 and Cap Construction Progress Map to V. Leos and B. Nann and five hard copies. | | | |
| 4/15/2011 | Letter from D. Keith to V. Leos on behalf of Respondents as formal response to USEPA concerns about displacement of waste sludge observed during construction activities. | | | |
| 4/15/2011 | Submitted via email from J. Laplante to V. Leos and B. Nann copy of the Emergency Contingency Plan Marshalling Area figure for the SJRWP TCRA to V. Leos and B. Nann and five hard copies. | | | |
| 4/18/2011 | TCRA Weekly Progress Report 023 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 4/22/2011 | Letter from J. Laplante to V. Leos requesting EPA review and approval of additional Subtitle D landfill for disposal of debris generated as part of TCRA construction activities sent via e-mail and 5 hard copies. | 4/26/2011 | Approval of Respondent's additional Subtitle D Landfill sent via email from V. Leos to J. Laplante. | |
| 4/25/2011 | TCRA Weekly Progress Report 024 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 5/2/2011 | TCRA Weekly Progress Report 025 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 5/2/2011 | Supplemental Work Plan for West Cell Access sent via email from J. Laplante to V. Leos and B. Nann | | | |
| 5/3/2011 | DRAFT Weather Day schedule sent via email from J. Laplante to V. Leos | | | |
| 5/5/2011 | Submitted via email from J. Laplante to V. Leos and B. Nann approved contractor Submittals 21 and 22 covering additional chemistry testing of import aggregates. | | | |

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 5/9/2011 | TCRA Weekly Progress Report 026 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 5/16/2011 | TCRA Weekly Progress Report 027 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 5/23/2011 | TCRA Weekly Progress Report 028 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 5/31/2011 | TCRA Weekly Progress Report 029 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 6/6/2011 | TCRA Weekly Progress Report 030 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 6/13/2011 | TCRA Weekly Progress Report 031 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 6/16/2011 | Provided USEPA-requested electronic survey information to V. Leos via FTP. | | | |
| 6/20/2011 | TCRA Weekly Progress Report 032 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 6/27/2011 | TCRA Weekly Progress Report 033 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 7/5/2011 | TCRA Weekly Progress Report 034 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 7/7/2011 | Provided USEPA-requested electronic copy of the latest probing map to V. Leos from J. Laplante. | | | |
| 7/11/2011 | TCRA Weekly Progress Report 035 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 7/18/2011 | TCRA Weekly Progress Report 036 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 7/25/2011 | TCRA Weekly Progress Report 037 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 8/1/2011 | TCRA Weekly Progress Report 038 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 8/2/2011 | Email from R. Brown to V. Leos draft Operations, Monitoring, and Maintenance (OMM) Plan. | | | |
| | | 8/2/2011 | Email from A. Foster to Respondents' counsel transmitting draft letters designating Respondents as USEPA's representatives for Big Star access. | |
| | | 8/3/2011 | Email from A. Foster to Respondents' counsel transmitting copy of letter from USEPA to San Jacinto River Fleet regarding its activities at the Site, expressing intent to pursue access from Big Star/San Jacinto River Fleet, and requesting summary of Respondents' problems in obtaining access from Big Star. | |
| | | 8/3/2011 | Email from A. Foster to Respondents' counsel regarding fact sheet associated with residential sampling. | |
| 8/8/2011 | TCRA Weekly Progress Report 039 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| | | 8/10/2011 | Email from A. Foster to Respondents' counsel regarding revised letter of designation. | |

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| | | 8/11/2011 | Noncompliance Letter from Valmichael Leos dated August 5, 2011 was received and signed for on August 11, 2011. | |
| 8/15/2011 | TCRA Weekly Progress Report 040 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 8/22/2011 | TCRA Weekly Progress Report 041 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 8/29/2011 | TCRA Weekly Progress Report 042 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 9/2/2011 | Submitted DRAFT Removal Action Completion Report via email and FTP from D. Keith to V. Leos. | | | |
| 9/6/2011 | TCRA Weekly Progress Report 043 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 9/9/2011 | Submitted to USEPA a notice of dispute relative to USEPA's August 5, 2011 notice of noncompliance received by Respondent's Project Coordinator on August 11, 2011. | | | |
| 9/9/2011 | Submitted to USEPA a detailed response to USEPA's February 16, 2011 denial of Respondents' force majeure claims under the AOC. | | | |
| 9/12/2011 | TCRA Weekly Progress Report 044 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 9/19/2011 | TCRA Weekly Progress Report 045 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| | | 9/21/2011 | Email from Barbara Nann regarding access to the Big Star property. | |
| 9/26/2011 | TCRA Weekly Progress Report 046 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 9/26/2011 | Email from MIMC counsel to Jessica Hernandez of USEPA regarding USEPA's request to obtain an access agreement with San Jacinto River Fleet. | 9/28/2011 | Email from Jessica Hernandez of USEPA to MIMC counsel regarding documentation of access to western waste pit at Site and extension of time of obtain access agreement from San Jacinto River Fleet. | |
| 9/30/2011 | Email from MIMC counsel to USEPA counsel forwarding copy of survey of remaining Big Star property and current San Jacinto River Fleet property in response to USEPA's email of September 28, 2011. | 9/30/2011 | Email from USEPA counsel Barbara Nann to Respondent's counsel responding to MIMC's counsel's email of September 30, 2011. | |
| 10/3/2011 | TCRA Weekly Progress Report 047 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 10/4/2011 | Email from MIMC counsel to USEPA counsel responding to September 30, 2011, email from B. Nann of USEPA regarding property survey issue. | | | |
| 10/5/2011 | Email from IP counsel to USEPA counsel joining in MIMC counsel's emails of September 30, 2011, and October 4, 2011, and further addressing access issues under the AOC and UAO. | | | |
| | | 10/6/2011 | Email from J. Hernandez of USEPA to Respondents' counsel regarding USEPA's meeting with San Jacinto River Fleet (SJRF) on October 6, 2011, and need for Respondents to continue working to obtain access agreement with SJRF. | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 10/7/2011 | Email from MIMC counsel to J. Hernandez of USEPA responding to J. Hernandez' email of October 6, 2011. | | | |
| 10/10/2011 | TCRA Weekly Progress Report 048 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| | | 10/12/2011 | Email from V. Leos regarding written comments on the Draft Removal Action Completion Report (RACR). | |
| 10/13/2011 | Email from MIMC counsel to B. Darnell of San Jacinto River Fleet (SJRF), with copy to J. Hernandez of USEPA, requesting information on the access requirements for the restricted areas of the SJRF property. | | | |
| 10/21/2011 | TCRA Weekly Progress Report 049 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 10/24/2011 | TCRA Weekly Progress Report 050 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 10/25/2011 | Memorandum sent to USEPA via email from D. Keith to V. Leos and G. Miller reporting security fence breach observed on October 24, 2011. Repairs to fence were completed on October 26, 2011. | | | |
| 10/27/2011 | Email from D. Keith to USEPA V. Leos and G. Miller providing photo documentation of completion of the perimeter fence repairs. | 10/27/2011 | Response from USEPA V. Leos acknowledging receipt of photo documentation. | |
| 10/31/2011 | TCRA Weekly Progress Report 051 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 10/31/2011 | Email from MIMC counsel (on behalf of Respondents) to San Jacinto River Fleet and USEPA responding to SJRF's email dated October 14, 2011, regarding conditions for access to restricted areas of SJRF property for purposes of potential AOC and UAO activities. | | | |
| 11/7/2011 | TCRA Weekly Progress Report 052 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 11/14/2011 | TCRA Weekly Progress Report 053 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 11/21/2011 | TCRA Weekly Progress Report 054 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 11/22/2011 | Submitted revised draft final Removal Action Completion Report (RACR) to the USEPA from D. Keith to V. Leos by email, hard copy, and FTP site. | | | |
| 11/23/2011 | Email from MIMC counsel (on behalf of Respondents) to San Jacinto River Fleet (SJRF) and USEPA regarding status of SJRFs consideration of Respondents' October 31, 2011 email regarding access to SJRFs property. | | | |
| 11/28/2011 | TCRA Weekly Progress Report 055 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| | | 11/29/2011 | Email from J. Hernandez of USEPA to Respondent's counsel regarding SJRF's operations in the vicinity of the Site and SJRF's draft sampling and monitoring plan. | |
| 12/1/2011 | Email from D. Keith to USEPA V. Leos and G. Miller providing the schedule for the implementation of the operations, monitoring, and maintenance plan (OMMP) for the TCRA signs, fencing, and armored cap. | | | OMMP implementation will begin in January 2012, assuming the Removal Action Completion Report and associated OMMP plan are approved beforehand. |
| 12/5/2011 | TCRA Weekly Progress Report 056 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 12/12/2011 | TCRA Weekly Progress Report 057 email from J. Laplante to V. Leos and B. Nann and five hard copies, including attachment providing written notification to USEPA of fence breach observed on December 8, 2011. | | | |
| 12/19/2011 | TCRA Weekly Progress Report 058 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 12/27/2011 | TCRA Weekly Progress Report 059 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 12/27/2011 | Email from MIMC counsel (on behalf of Respondents) to San Jacinto River Fleet (SJRF) and USEPA regarding status of SJRFs consideration of Respondents' October 31, 2011 email regarding access to SJRFs property. | | | |
| | | 12/27/2011 | Email from SJRF to Respondents' counsel and USEPA in response to Respondents' emails of November 23, 2011, and December 27, 2011 regarding access to SJRF's property. | |
| 1/3/2012 | TCRA Weekly Progress Report 060 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| | | 1/3/2012 | Email from USEPA V. Leos to D. Keith subject and attachment "Edits for Revised Final Construction Completion Report - SJRWP". | |
| 1/9/2012 | TCRA Weekly Progress Report 061 email from J. Laplante to V. Leos and B. Nann and five hard copies. | | | |
| 1/18/2012 | Email from D. Keith to V. Leos acknowledging USEPA agreement to begin monthly TCRA progress reporting. | 1/18/2012 | Email from V. Leos agreeing that weekly summary report are no longer needed and to move to monthly and revisit this later after the first cap inspection. | |
| 1/27/2012 | Email from W. Mears to V. Leos providing update on first TCRA OMMP monitoring event progress. | | | |
| 1/31/2012 | Email from W. Mears to V. Leos providing update on first TCRA OMMP monitoring event progress. | | | |
| | | 2/9/2012 | Email from J. Hernandez to Respondents' counsel forwarding draft pre-construction baseline site assessment work plan for San Jacinto River Fleet project ("SJRF Draft SAP"). | |
| | | 2/14/2012 | Email from J. Hernandez to Respondents' counsel forwarding copy of USEPA letter to San Jacinto River Fleet dated 12/1/2012. | |
| | | 2/15/2012 | Email from J. Hernandez to Respondents' counsel regarding deadline for comments on the SJRF Draft SAP. | |
| 2/15/2012 | TCRA Monthly Progress Report 001 email from J. Laplante to V. Leos and five hard copies. | | | |
| 2/21/2012 | Submitted TCRA Quarterly Inspection Report - January 2012 Inspection to USEPA. | | | |
| 3/8/2012 | Submitted correspondence to J. Hernandez regarding SJRF operations and comments on SJRF Draft SAP. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 3/9/2012 | Submitted Revised Draft Final Removal Action Completion Report (RACR), including responses to USEPA's comments on the Draft Final RACR. | | | |
| 3/15/2012 | TCRA Monthly Progress Report 002 email from J. Laplante to V. Leos and five hard copies. | | | |
| 3/30/2012 | Letter from International Paper to USEPA Region 6 Administrator regarding financial assurance. | | | |
| 4/16/2012 | TCRA Monthly Progress Report 003 email from J. Laplante to V. Leos and five hard copies. | | | |
| 5/1/2012 | Email response from Respondent's counsel to USEPA's J. Hernandez acknowledging USEPA's status update on the SJRF Draft SAP review. | 5/1/2012 | Email from J. Hernandez to Respondents' counsel regarding SJRF Draft SAP still currently under USEPA review. | |
| 5/15/2012 | TCRA Monthly Progress Report 004 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 5/16/2012 | Emails from J. Hernandez to Respondents' counsel providing comments from NOAA, TCEQ, and the Harris County Pollution Control Services Department to the SJRF Draft SAP. | |
| 5/17/2012 | Submitted TCRA Quarterly Inspection Report - April 2012 Inspection to USEPA. | | | |
| | | 6/12/2012 | Received copy of 6/12/2012 correspondence from USEPA to SJRF providing USEPA's comments to the SJRF Draft SAP. | |
| 6/15/2012 | TCRA Monthly Progress Report 005 email from J. Laplante to V. Leos and five hard copies. | | | |
| 7/16/2012 | TCRA Monthly Progress Report 006 email from J. Laplante to V. Leos and five hard copies. | | | |
| 7/23/2012 | Submitted written notification to USEPA regarding the results of the inspection of the TCRA Cap conducted on July 20, 2012. | | | |
| | | 7/25/2012 | Receipt by MIMC counsel of USEPA letter dated July 24, 2012 regarding stipulated penalties issues and invitation to meet. | |
| | | 7/26/2012 | Receipt by D. Keith of USEPA's May 22, 2012 letter disapproving the draft final RACR and issuing the RACR in final form. | |
| 7/27/2012 | Submitted TCRA Cap Repair Plan to USEPA to address maintenance issues on the western berm. | 7/31/2012 | Received approval letter from USEPA to proceed with implementation of the TCRA Cap Repair Plan. | |
| | | 8/10/2012 | Email from A. Foster to Respondents granting and extension of time to Respondents to exercise their rights associated with USEPA's disapproval of the draft final RACR and issuance of RACR in final form. | |
| 8/15/2012 | TCRA Monthly Progress Report 007 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 8/15/2012 | Email from V. Leos to D. Keith with USEPA Revised Removal Action Completion Report (RACR) for the Time Critical Removal Action attached (pdf, without appendices). | |
| | | 8/20/2012 | Received and signed for the hard copy of the letter from USEPA dated July 24, 2012 (Noncompliance with Administrative Settlement Agreement and Order on Consent for Removal Action). | |
| 8/21/2012 | Submitted Post-TCRA Quarterly Inspection Report - July 2012 Inspection. | | | |
| 8/27/2012 | Submitted TCRA Maintenance Completion Report. | | | |
| | | 8/31/2012 | IP and MIMC counsel received an email from Jessica Hernandez of USPEA on August 31, 2012 confirming a 60 day extension under the AOC for the Respondents to raise any claims/disputes relative to USEPA's May 22, 2012 letter regarding the RACR. The 60 day extension runs from the date of the upcoming meeting between Respondents and USEPA. | |
| 9/17/2012 | TCRA Monthly Progress Report 008 email from J. Laplante to V. Leos and five hard copies. | | | |
| 9/18/2012 | Letter to V. Leos regarding TCRA Cap Repair. | | | |
| | | 10/10/2012 | Letter from USEPA V. Leos to D. Keith transmitted via email regarding USEPA questions on the TCRA cap erosion issue. | |
| 10/15/2012 | TCRA Monthly Progress Report 009 email from J. Laplante to V. Leos and five hard copies. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 11/8/2012 | Submitted Post-TCRA Quarterly Inspection Report - October 2012 Inspection. | | | |
| 11/15/2012 | TCRA Monthly Progress Report 010 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 12/4/2012 | Email from A. Foster to Respondents granting and extension of time to Respondents to exercise their rights associated with USEPA's disapproval of the draft final RACR and issuance of RACR in final form. | |
| 12/17/2012 | TCRA Monthly Progress Report 011 email from J. Laplante to V. Leos and five hard copies. | | | |
| 12/18/2012 | Email from J. Laplante to V. Leos correcting date of email from A. Foster from 12/1/2012 to 12/4/2012. | 12/19/2012 | Email from V. Leos to J. Laplante acknowledging correction of date. | |
| 1/2/2013 | Email to USEPA on behalf of Respondents regarding comments on the Revised SJRF SAP. | | | |
| 1/2/2013 | Email from D. Keith to V. Leos (with letter attached) requesting a meeting to discuss USEPA questions raised during a 10-10-12 letter from USEPA to Respondents concerning the design and construction of the TCRA. | | | |
| 1/8/2013 | Teleconference between D. Keith and V. Leos discussing the 01-02-13 letter from the Respondents to USEPA, wherein USEPA recommended a technical meeting be held the week of 01-16-13 to discuss USEPA technical questions concerning the design and construction of the TCRA. | | | |
| 1/8/2013 | Email from D. Keith to V. Leos with a preliminary proposed schedule to conduct the next quarterly inspection of the TCRA. | | | |
| 1/8/2013 | Email from D. Keith to V. Leos providing additional update on schedule for TCRA quarterly inspection, as related to current weather conditions and changes to the proposed inspection schedule therefore. | | | |
| 1/15/2013 | Email from D. Keith to V. Leos regarding results of TCRA cap inspection. | 1/16/2013 | Email response from V. Leos to D. Keith acknowledging the notification regarding the TCRA cap inspection results. | |
| 1/15/2013 | TCRA Monthly Progress Report 012 email from J. Laplante to V. Leos and five hard copies. | | | |
| 1/16/2013 | Email from D. Keith to V. Leos providing additional detail on the observations made during the January 2013 TCRA cap inspection. | | | |
| 1/18/2013 | Email from D. Keith to V. Leos concerning findings made during additional inspection of the Eastern Cell of the TCRA. | | | |
| 1/23/2013 | Email notification from D. Keith to USEPA and SJRWP CAC Members to notify them about upcoming maintenance activities. | | | |
| 1/23/2013 | TCRA Cap Maintenance Plan sent via email from J. Laplante to V. Leos. | 1/24/2013 | Email response from V. Leos to J. Laplante approving the TCRA Maintenance Plan. | |
| | | 1/31/2013 | Email from USEPA counsel A. Foster to D. Keith granting additional 30 day extension to Respondents to exercise rights under the AOC for dispute resolution related to May 22, 2012 letter from USEPA. | |
| 2/4/2013 | Email from W. Mears to V. Leos providing status update on maintenance activities and data collection for TCRA quarterly monitoring event. | | | |
| 2/7/2013 | Email from W. Mears to V. Leos providing final daily report from maintenance activities, and identifying maintenance as complete. | | | |
| 2/15/2013 | Submitted Post-TCRA Quarterly Inspection Report - January 2013 Inspection and the TCRA Maintenance Completion Report. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 2/15/2013 | TCRA Monthly Progress Report 013 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 3/6/2013 | Email from USEPA counsel A. Foster to D. Keith granting additional 90 day extension (for a total of 240 days) to Respondents to exercise rights under the AOC for dispute resolution related to May 22, 2012 letter from USEPA. | |
| 3/15/2013 | TCRA Monthly Progress Report 014 email from J. Laplante to V. Leos and five hard copies. | | | |
| 4/5/2013 | Submitted TCRA Report on Reassessment of Design and Construction. | | | |
| 4/15/2013 | TCRA Monthly Progress Report 015 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 4/25/2013 | Email from V. Leos to D. Keith with a list of questions for the Respondents to address related to the TCRA design. | |
| | | 5/1/2013 | Letter from V. Leos to D. Keith requesting information on the design and construction of armor cap. | |
| 5/8/2013 | Submitted Post-TCRA Inspection Report - April 2013 Inspection. | | | |
| | | 5/10/2013 | Email from USEPA V. Leos to D. Keith providing additional follow-up questions to USEPA's May 1, 2013 letter providing supplemental technical questions on USEPA's assessment of the TCRA cap design. | |
| 5/15/2013 | TCRA Monthly Progress Report 016 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 5/30/21013 | Email from USEPA on behalf of A. Foster to D. Keith providing an additional extension of 90 days to a total of 330 days for Respondents to exercise their rights for dispute regarding the RACR. | |
| 6/14/2013 | Submitted response to questions on TCRA Assessment. | | | |
| 6/17/2013 | TCRA Monthly Progress Report 017 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 6/25/2013 | Communication from USEPA G. Miller to D. Keith regarding questions about vegetation growing on the armored cap. | |
| 7/12/2013 | Submitted letter to USEPA G. Miller from D. Keith regarding vegetation control and herbicide application(s). | 7/26/2013 | Email from USEPA G. Miller giving approval to perform vegetation control at the Site. | |
| 7/15/2013 | TCRA Monthly Progress Report 018 email from J. Laplante to V. Leos and five hard copies. | | | |
| 8/12/2013 | Submitted Third Quarter, 2013, TCRA Cap Inspection Report to USEPA. | | | |
| 8/15/2013 | TCRA Monthly Progress Report 019 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 8/30/2013 | Email from USEPA A. Salinas to D. Keith providing an additional extension for a total of 375 days from the October 9, 2012 meeting for Respondents to exercise rights under the AOC for dispute resolution related to May 22, 2012 letter from USEPA. | |
| 9/16/2013 | TCRA Monthly Progress Report 020 email from J. Laplante to V. Leos and five hard copies. | | | |
| 10/15/2013 | TCRA Monthly Progress Report 021 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 10/17/2013 | Email from USEPA A. Foster to D. Keith providing an additional extension for a total of 420 days from the October 9, 2012 meeting for Respondents to exercise rights under the AOC for dispute resolution related to May 22, 2012 letter from USEPA. | |
| | | 11/1/2013 | Letter from USEPA G. Miller providing USACE comments on the Armor Cap Reassessment of Western Berm. | |
| | | 11/12/2013 | Email from USEPA G. Miller to D. Keith regarding community questions on vegetation/debris observed in the San Jacinto River near the TCRA cap location. | See follow-up communication from Respondents on 11/13/2013. |
| 11/13/2013 | Email from D. Keith to USEPA G. Miller regarding observations from a site visit conducted on 11/13/2013, including photos, noting that the vegetation/debris described in USEPA's 11/12/2013 email are no longer present near the TCRA cap. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 11/15/2013 | TCRA Monthly Progress Report 022 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 11/20/2013 | Email from USEPA A. Salinas to J. Cermak instructing Respondents to include Anne Foster on all communications and remove Barbara Nann. A. Foster and A. Salinas are now are the Site attorneys. | |
| | | 11/21/2013 | Email from USEPA A. Foster to D. Keith providing an additional extension from the October 9, 2012 meeting for Respondents to exercise rights under the AOC for dispute resolution related to May 22, 2012 letter from USEPA. This deadline is being extended until the date in 2014 which is ten days after EPA's issuance of the site's proposed plan for public comment. | |
| 11/21/2013 | Submitted Post-TCRA Inspection Report - October 2013 Inspection. | | | |
| 11/27/2013 | Submitted Armored Cap Enhancement Work Plan. | | | |
| 12/16/2013 | TCRA Monthly Progress Report 023 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 1/10/2014 | Email approval of the TCRA Cap Enhancement Work Plan by V. Leos. | |
| 1/10/2014 | D. Keith email to V. Leos that Respondents will provide anticipated field schedule as soon as practical. | | | |
| 1/15/2014 | TCRA Monthly Progress Report 024 email from J. Laplante to V. Leos and five hard copies. | | | |
| 1/15/2014 | Email from J. Laplante to V. Leos relating to TCRA Enhancement construction schedule. | | | |
| | | 1/24/2014 | Email from USEPA V. Leos to Anchor QEA (Randy Brown) requesting information on what gradation measurements, if any, were being made for the rock being used in the TCRA Enhancement Work Plan. | |
| 1/28/2014 | Email from Anchor QEA (John Laplante) to V. Leos in response to USEPA's 1/24/14 email request regarding gradation measurements. | | | |
| 2/17/2014 | TCRA Monthly Progress Report 025 email from J. Laplante to V. Leos and five hard copies. | | | |
| 2/21/2014 | Submitted TCRA Armored Cap Enhancement Completion Report via email from J. Laplante to V. Leos and five hard copies. | | | |
| 2/21/2014 | Submitted Post-TCRA Inspection Report - January 2014 Inspection via email from J. Laplante to V. Leos and five hard copies. | | | |
| 3/17/2014 | TCRA Monthly Progress Report 026 email from J. Laplante to V. Leos and five hard copies. | | | |
| 4/15/2014 | TCRA Monthly Progress Report 027 email from J. Laplante to V. Leos and five hard copies. | | | |
| 5/15/2014 | TCRA Monthly Progress Report 028 email from J. Laplante to V. Leos and five hard copies. | | | |
| 5/21/2014 | Submitted Post-TCRA Visual Inspection Report - April 2014 via email from J. Laplante to V. Leos and five hard copies. | | | |
| 5/27/2014 | Email from D. Keith to USEPA V. Leos requesting approval to complete vegetation control measures as recommended on Respondents' April 2014 Visual Inspection Report. | 5/28/2014 | Email from USEPA V. Leos to D. Keith and J. Laplante approving the vegetation control measures outlined in Appendix B of Respondents' July 12, 2013 Report. | |
| 6/16/2014 | TCRA Monthly Progress Report 029 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 6/17/2014 | Notification from USEPA to Respondents that a breach in the perimeter fence was identified by Harris County on June 17, 2014. | |
| 6/27/2014 | Submitted Security Fence Breach/Repair Memorandum via email to V. Leos and five hard copies. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 7/15/2014 | TCRA Monthly Progress Report 030 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 8/1/2014 | Received USEPA's July 29, 2014 demand/bill for collection for payment of response costs under AOC. | |
| 8/12/2014 | Submitted Post-TCRA Semi-Annual Inspection Report - July 2014 Inspection. | 8/12/2014 | Received email from USEPA's Project Manager requesting inspection of areas shown as inaccessible in the July 2014 report submitted on 8/12/14. | |
| 8/15/2014 | TCRA Monthly Progress Report 031 email from J. Laplante to V. Leos and five hard copies. | | | |
| 8/18/2014 | Respondents sent letter to USEPA requesting a full cost package to document response costs incurred by USEPA under AOC. | | | |
| 8/26/2014 | Submitted Revised Post-TCRA Semi-Annual Inspection Report - July 2014 Inspection. | | | |
| | | 8/29/2014 | Email from USEPA V. Leos to J. Laplante requesting removal, during next inspection visit, of vegetation growth that could potentially cover site signage. | |
| 9/3/2014 | Email from J. Laplante to V. Leos in response to USEPA email on 8/29/14 confirming that plans would be made for vegetation removal around site signage. | | | |
| 9/15/2014 | TCRA Monthly Progress Report 032 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 10/6/2014 | Email from USEPA V. Leos to D. Keith requesting the Respondents consider a cap Inspection following a series of storm events that passed through the Dallas/Fort Worth area. | |
| 10/6/2014 | Email from D. Keith to V. Leos regarding Respondents' plans to conduct visual inspection on 10/9/14. | | | |
| 10/15/2014 | TCRA Monthly Progress Report 033 email from J. Laplante to V. Leos and five hard copies. | | | |
| 10/28/2014 | Submitted Post-TCRA Visual Inspection Report - October 2014 via email from D. Keith to V. Leos and five hard copies. | | | |
| 10/28/2014 | Requested USEPA approval to conduct vegetation control via email from D. Keith to V. Leos. | 10/28/2014 | Email from USEPA V. Leos to D. Keith approving vegetation control measures. | |
| 11/17/2014 | TCRA Monthly Progress Report 034 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 12/9/2014 | Respondents received an email from Gary Miller on December 9, 2014 stating the gate lock combinations for the Respondent's and TXDOT's locks on the TCRA fencing were inadvertently released by USEPA. As a result, the Respondents changed locks at all gates for the Respondents and TXDOT on December 10, 2014. | |
| 12/15/2014 | TCRA Monthly Progress Report 035 email from J. Laplante to V. Leos and five hard copies. | | | |
| 1/15/2015 | TCRA Monthly Progress Report 036 email from J. Laplante to V. Leos and five hard copies. | | | |
| 1/30/2015 | D. Keith coordinated with V. Leos by phone and email on the TCRA semi-annual inspection progress to inform him there was limited access for certain areas of the bathymetric survey because of persistent low tide conditions. Keith and Leos agreed remaining survey data should be collected when deeper water conditions occur and those areas can be safely accessed, and a complete inspection report provided when all of the data are available. | 2/2/2015 | Response from V. Leos to D. Keith acknowledging 1/30/15 email and notifying D. Keith and Respondents that V. Leos would like to visit the site during the next survey. | |
| 2/16/2015 | TCRA Monthly Progress Report 037 email from J. Laplante to V. Leos and five hard copies. | | | |
| 2/23/2015 | D. Keith notified USEPA V. Leos and G. Miller via telephone and email of the presence of derelict skiff debris on the surface of the TCRA cap. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 3/2/2015 | Received USEPA's February 26, 2015 full cost package and revised demand/bill for collection for USEPA's response costs under AOC. | | | |
| 3/13/2015 | Submitted TCRA Debris Removal Completion Report. | | | |
| 3/16/2015 | TCRA Monthly Progress Report 038 email from J. Laplante to V. Leos and five hard copies. | | | |
| 4/8/2015 | | | Received email from USEPA forwarding Amended Bill for Collection for USEPA's responses costs under AOC. | |
| 4/13/2015 | D. Keith provided TCRA inspection status update to V. Leos via telephone. | | | |
| 4/15/2015 | TCRA Monthly Progress Report 039 email from J. Laplante to V. Leos and five hard copies. | | | |
| 5/4/2015 | Semi-Annual Inspection Report (January - April 2015) and April 2015 Visual Inspection Report transmitted by David Keith to V. Leos via email and hard copy. | | | |
| 5/15/2015 | TCRA Monthly Progress Report 040 email from J. Laplante to V. Leos and five hard copies. | | | |
| 5/20/2015 | Email from D. Keith to USEPA G. Miller and V. Leos providing information on precipitation and flows during May 12 and May 13 rain events, indicating flows were below the 10-year storm event; and notifying USEPA that visual inspection was conducted 5/20/15. | | | |
| 5/21/2015 | Email from D. Keith to USEPA V. Leos and G. Miller describing results of visual inspection conducted on 5/20/15. | | | |
| 5/26/2015 | Email from D. Keith to USEPA V. Leos requesting approval to complete vegetation control measures. | | Response from USPEA V. Leos approving vegetation control plan sent via email to D. Keith. | |
| 6/12/2015 | Email from D. Keith to USEPA Gary Miller regarding site inspection of the same date. | | | |
| 6/15/2015 | TCRA Monthly Progress Report 041 email from J. Laplante to V. Leos and five hard copies. | | | |
| | | 6/16/2015 | Received a Memo to File letter from Valmichael Leos regarding visual cap inspection. | |
| | | 6/17/2015 | Email from G. Miller to D. Keith requesting a visual inspection following high water conditions in the San Jacinto River. | |
| | | 6/17/2015 | Received an email from Carlos Sanchez notifying Respondents that all future correspondence with USEPA on the TCRA be submitted to Gary Miller. | |
| 6/18/2015 | Email from D. Keith to USEPA G. Miller notifying USEPA that Anchor QEA will conduct a visual inspection in response to USEPA email of 6/17/2015. | | | |
| 6/19/2015 | Email from D. Keith to USEPA G. Miller summarizing June 19, 2015 visual inspection, including photos. | | | |
| 6/19/2015 | Email from D. Keith to USEPA G. Miller requesting approval to conduct routine maintenance of the TCRA cap, including vegetation control and placement of additional 1 cy of armor rock. | 6/19/2015 | Approval provided from USEPA G. Miller to D. Keith via email. | |
| 6/22/2015 | Submitted letter to USEPA Gary Miller regarding geotextile. | | | |
| 7/15/2015 | TCRA Monthly Progress Report 042 email from J. Laplante to Gary Miller and five hard copies. | | | |
| 8/14/2015 | Submitted Post-TCRA Semi-Annual Inspection Report - July 2015 transmitted by John Laplante to Gary Miller via email and five hard copies. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 8/17/2015 | TCRA Monthly Progress Report 043 email from J. Laplante to Gary Miller and five hard copies. | | | |
| 9/4/2015 | Submitted Draft Planting Plan Memorandum by email from D. Keith to G. Miller, with five hard copies. | | | |
| 9/15/2015 | TCRA Monthly Progress Report 044 email from J. Laplante to Gary Miller and five hard copies. | | | |
| 10/8/2015 | Request to modify TCRA semi-annual inspection schedule transmitted via email from D. Keith to USEPA G. Miller. | 10/8/2015 | Approval provided from USEPA G. Miller to D. Keith via email. | |
| 10/15/2015 | TCRA Monthly Progress Report 045 email from J. Laplante to Gary Miller and five hard copies. | | | |
| 10/26/2015 | Email from D. Keith to USEPA G. Miller providing estimates of the water level at the TCRA following recent heavy rains and higher flows. | | | |
| | | 11/3/2015 | Call from USEPA G. Miller to D. Keith requesting a visual inspection of the TCRA following heavy rains and high water observed at the TCRA site, and requesting an addendum to the OMMP to address a response to potential barge strikes on the TCRA. | |
| 11/5/2015 | Email notification from D. Keith to USEPA G. Miller regarding results of post-rain visual inspection of waste pits conducted on 11/3/15. | | | |
| 11/16/2015 | TCRA Monthly Progress Report 046 email from J. Laplante to Gary Miller and five hard copies. | | | |
| 11/18/2015 | Submitted Post-TCRA Semi-Annual Inspection Report - October 2015 to Gary Miller and five hard copies. | | | |
| 12/3/2015 | Submitted Draft Amendment 1 Operations, Monitoring, and Maintenance Plan. | | | |
| | | 12/10/2015 | Call from USEPA G. Miller to D. Keith regarding USEPA observations of the TCRA cap in the northwest area, which identified an area of interest where armor rock could not be confirmed by the USEPA inspection team | |
| | | 12/11/2015 | Call from USEPA G. Miller to D. Keith requesting additional delineation of the area of interested, as well as sediment sampling, and requesting repair of the area as soon as possible. | |
| 12/15/2015 | TCRA Monthly Progress Report 047 email from J. Laplante to Gary Miller and five hard copies. | | | |
| | | 12/16/2015 | Email from USEPA G. Miller to D. Keith requesting a repair plan be developed for the area of interest, including delineation of the horizontal extents, collection of sediment samples, and schedule for implementing the repair. | |
| | | 12/21/2015 | Email transmittal of Letter from USEPA C. Edlund notifying Respondents regarding failure to submit work plan. | |
| 12/21/2015 | Submitted Draft Repair Work Plan to USEPA. | | | |
| | | 12/22/2015 | Email from USEPA G. Miller to D. Keith providing comments on the Draft Repair Work Plan submitted 12/21/2015, and providing conditional approval of the Draft Work Plan pending USEPA comments being addressed. | |
| 12/23/2015 | Letter from MIMC to USEPA responding to the USEPA letter dated 12/21/2015. | | | |
| 12/23/2015 | Email from IP to USEPA concurring with MIMC's response to the USEPA letter dated 12/21/2015. | | | |
| 12/28/2015 | Submitted Revised Repair Work Plan. | 12/28/2015 | Received email approval of Revised Repair Work Plan from G. Miller of USEPA. | |
| | | 12/29/2015 | Received certified Letter via U.S. Mail from Carl Edlund, Director of USEPA Superfund Division regarding Failure to Submit Cap Repair Plan. Letter was dated December 21, 2015. | |
| | | 12/29/2015 | Email from USEPA C. Sanchez requesting information on how Emergency Response is addressed in the OMMP. | |
| 12/29/2015 | Conference call between D. Keith and USEPA C. Sanchez regarding Emergency Response plan, resulting in request by USEPA that a specific Emergency Response plan be developed to supplement the OMMP. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 1/15/2016 | TCRA Monthly Progress Report 048 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 1/15/2016 | Submitted Figure showing the maintenance area from J. Laplante to USEPA G. Miller via email. | | | |
| 1/15/2016 | Submitted Draft Emergency Response Addendum to the OMM Plan from J. Laplante to USEPA G. Miller via email and five hard copies. | | | |
| 1/26/2016 | Submitted TCRA Armored Cap Enhancement Completion Report via email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| | | 2/9/2016 | Email from USEPA G. Miller to D. Keith with a map depicting the area covered by the USEPA dive team during their inspection in December. | |
| 2/16/2016 | TCRA Monthly Progress Report 049 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 2/16/2016 | Email from D. Keith to USEPA G. Miller acknowledging USEPA's email on same date directing Respondents to modify the TCRA OMM Plan, including adding video surveillance and installation of additional warning buoys. | 2/16/2016 | Email from USEPA G. Miller to D. Keith directing Respondents to 1) implement an armored cap surveillance program; 2) prepare a work plan and install additional warning buoys; 3) increase the frequency of cap inspections to quarterly until further notice. | |
| 2/16/2016 | Letter describing proposed site buoy enhancements transmitted by email and hard copy from D. Keith to USEPA G. Miller. | 2/23/2016 | Email from USEPA G. Miller to D. Keith and J. Laplante approving the proposed buoy enhancements described in Respondents 2/16/16 letter. | |
| | | 2/29/2016 | Email from USEPA G. Miller to D. Keith providing a copy of the USEPA dive team report of December 2015 TCRA inspection. | |
| 2/29/2016 | Submitted Addendum 2 to the OMM Plan, camera security system from J. Laplante to USEPA G. Miller via email and five hard copies. | 3/4/2016 | Email from USEPA G. Miller to D. Keith approving Addendum 2 to the OMM Plan, camera security system, subject to USEPA modifications detailed in the email. | |
| 3/4/2016 | Email from D. Keith to USEPA G. Miller notifying USEPA that five small areas of visible geotextile were seen during recent visual inspection conducted during an unusually low tide event. | 3/4/2016 | Email from USEPA G. Miller to D. Keith acknowledging notification about five small areas of visible geotextile and requesting Respondents proceed with delineating these areas and placing additional rock as necessary. | |
| 3/7/2016 | Email from D. Keith to USEPA G. Miller notifying USEPA that armored cap porewater samplers planned to be installed during the week of April 4, 2016. | 3/7/2016 | Email from USEPA G. Miller to D. Keith acknowledging notification about upcoming porewater sampler deployment, and notifying Respondents that USEPA will complete their TCRA cap inspection prior to porewater sampler installation. | |
| 3/15/2016 | TCRA Monthly Progress Report 050 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 3/15/2016 | Email from J. Laplante to USEPA G. Miller describing proposed additional probing of the TCRA armored cap in the eastern cell of the historic impoundment. | 3/15/2016 | Email from USEPA G. Miller to D. Keith and J. Laplante approving the proposed additional probing described in the work plan submitted on this date. | |
| 3/21/2016 | Email from D. Keith to USEPA G. Miller providing work plan for conducting additional rock placement for maintenance of the TCRA armored cap. | 3/21/2016 | Email from USEPA G. Miller to D. Keith approving maintenance work plan that was submitted to USEPA on this date. | |
| 4/15/2016 | TCRA Monthly Progress Report 051 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 4/19/2016 | Submitted TCRA Armored Cap Probing and Maintenance Completion Report via email from J. Laplante to USEPA G. Miller, with hard copies. | 4/20/2016 | Email from USEPA G. Miller to J. Laplante acknowledging J. Laplante's submittal sent on April 19, 2016. | |
| 4/19/2016 | Email from D. Keith to USEPA G. Miller responding to USEPA's questions on the same date. | 4/19/2016 | Email from USEPA G. Miller to D. Keith regarding community questions on float anchors, as well as, storm return interval for recent flood event. | |
| 4/19/2016 | Email from D. Keith to USEPA G. Miller recommending completing inspection and installing porewater samplers during week of May 2, 2016 in light of current river stage and flooding conditions in Houston. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 4/26/2016 | Email from D. Keith to USEPA G. Miller discussing visual inspection of the TCRA cap that was completed after flood waters had receded, the status of the temporary buoys, and the condition of the new groundwater well that was installed. | | | |
| 4/28/2016 | Email from D. Keith to USEPA G. Miller confirming that a representative of the Respondents would be available to meet with USEPA during their requested visual inspection. | 4/28/2016 | Phone call from USEPA G. Miller to D. Keith discussing proposed USEPA visual inspection of the armored cap on Wednesday May 4, 2016. | |
| | | 4/29/2016 | Phone call from USEPA G. Miller to D. Keith requesting a conference call between Anchor QEA, USEPA, and USACE to discuss visual observations made by Anchor QEA of the damaged cap area that was identified and repaired during December 2015. | |
| 5/7/2016 | Email from D. Keith to USEPA G. Miller notifying USEPA of a potential trespasser seen on security cameras at Site. | | | |
| 5/8/2016 | Email from D. Keith to USEPA G. Miller clarifying that people seen on security cameras on May 7, 2016 were sampling staff associated with the Respondents' work. | 5/9/2016 | Email from USEPA G. Miller to D. Keith acknowledging D. Keith's clarification sent on May 8, 2016. | |
| 5/16/2016 | TCRA Monthly Progress Report 052 email from J. Laplante to USEPA G. Miller and five hard copies. | 5/17/2016 | Email from USEPA G. Miller to J. Laplante acknowledging J. Laplante's submittal sent on May 16, 2016. | |
| 5/16/2016 | Email from D. Keith to USEPA G. Miller notifying USEPA about one area of interest where maintenance should be conducted, which was identified during a May 13, 2016 probing inspection. | 5/17/2016 | Email from USEPA G. Miller to D. Keith approving proposal to perform maintenance in area of interest identified by May 13, 2016 probing. | |
| 5/16/2016 | Email from D. Keith to USEPA G. Miller providing comparison of survey data within area of interest identified by USEPA on December 10, 2015, for use by USEPA. | | | |
| 5/19/2016 | Email from D. Keith to USEPA G. Miller providing probing results from May 13, 2016 probing event. | | | |
| | | 5/19/2016 | Email from USEPA G. Miller to D. Keith requesting GPS coordinates for 2013 maintenance area and March 2016 probing locations. | |
| 5/20/2016 | Email from D. Keith to USEPA G. Miller providing GPS coordinates requested by USEPA in their May 19, 2016 email. | | | |
| | | 5/24/2016 | Email from USEPA G. Miller to D. Keith providing USEPA Dive Team Summary Report dated April 2016, and requesting a repair plan be developed for areas identified in the USEPA Dive Team Summary Report. | |
| 5/25/2016 | Email from D. Keith to USEPA G. Miller requesting discussion on some of the items noted in the USEPA Dive Team Summary Report dated April 2016. | | | |
| 5/26/2016 | Submitted Post-TCRA Quarterly Inspection Report - April 2016. | | | |
| | | 6/2/2016 | Phone call from USEPA G. Miller to D. Keith requesting a work plan for post-storm TCRA armored cap inspection and maintenance, including probing to be conducted in the submerged portion of the Western Cell and the Northwestern Area. | |
| 6/3/2016 | Email from D. Keith in response to USEPA email from G. Miller on this same date, acknowledging that Respondents would retrieve displaced buoys. | 6/3/206 | Email from USEPA G. Miller to D. Keith requesting perimeter buoys, which had been displaced by recent storm, be removed from Southwest Shipyard facility. | |
| 6/6/2016 | Submitted TCRA-Armored Cap - Response to Request Regarding Dive Team Summary Report April 3-9, 2016. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 6/6/2016 | Email from D. Keith to USEPA G. Miller summarizing activities conducted on Northern Impoundments on June 2, 2016. | | | |
| | | 6/6/2016 | Email from USEPA G. Miller to D. Keith requesting visual inspection and inspection work plan for western portion of the TCRA armored cap using same procedures as previously used for the eastern portion of the TCRA armored cap. Requested plan due to USEPA on June 10, 2016. | |
| | | 6/6/2016 | Email from USEPA G. Miller to D. Keith requesting a visual inspection be conducted on June 7, 2016. | |
| 6/8/2016 | Email from D. Keith to USEPA G. Miller describing observations from the USEPA-requested visual inspection conducted on June 7, 2016, and plans to address misaligned camera, removal of debris, replacement of buoys, realignment of sign, and placement of rock on top of surplus geotextile overlying the TCRA armored cap. | 6/9/2016 | Email from USEPA G. Miller to D. Keith approving the maintenance items described in email from D. Keith dated June 8, 2016. | |
| 6/10/2016 | Submitted Plan for Additional Cap Probing of the TCRA Armored Cap. | 6/10/2016 | Email from USEPA G. Miller to J. Laplante approving Plan for Additional Cap Probing that was submitted to USEPA on this date. | |
| 6/15/2016 | TCRA Monthly Progress Report 053 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 6/15/2016 | Email from D. Keith to USEPA G. Miller describing results of the AOI probing, and identifying seven areas where maintenance will be performed, as well as details on the planned maintenance. | 6/15/2016 | Email from USEPA G. Miller to D. Keith approving the planned maintenance described in the email from D. Keith of the same date, subject to the requirement that C-rock be used in AOI-22. | |
| 6/21/2016 | Email from D. Keith to USEPA G. Miller providing daily reports for work conducted at the Site between June 14 and June 17, 2016. | | | |
| 7/14/2016 | Submitted TCRA Armored Cap Probing and Maintenance Completion Report. | | | |
| 7/15/2016 | TCRA Monthly Progress Report 054 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 8/9/2016 | Email from D. Keith to USEPA G. Miller regarding Quarterly Inspection Report. | 8/9/2016 | Email from USEPA G. Miller to D. Keith approving waiting for higher tides to allow access to shallower parts of the Eastern Cell. | |
| 8/15/2016 | TCRA Monthly Progress Report 055 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 8/24/2016 | Notification to USEPA G. Miller from D. Keith that manual probing of the armored cap would be conducted in several areas of interest. | | | |
| 8/25/2016 | Voicemail from J. Laplante to G. Miller notifying USEPA that two small areas were identified during probing where geotextile and armor rock were present, but additional armor rock was needed to meet the TCRA design armor rock thickness, as well as the Respondents intent to place additional rock in these areas on August 26, 2016. | 8/26/2016 | Voicemail from G. Miller to J. Laplante requesting email notification of the findings and Respondents' intent to place additional armor rock. | |
| 8/26/2016 | Email from J. Laplante to USEPA G. Miller re-stating the information provided via voicemail on August 25, 2016. | 8/26/2016 | Email from G. Miller to J. Laplante approving Respondents' plan to place additional armor rock over the areas of interest described in the email from J. Laplante. | |
| 9/15/2016 | TCRA Monthly Progress Report 056 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 9/20/2016 | Submitted Post-TCRA Quarterly Inspection Report - July and August 2016. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| | | 9/28/2016 | Email from USEPA A. Foster to D. Keith and G. Miller extending the time for the Respondents to exercise their rights under the Order to dispute USEPA's actions related to USEPA's May 22, 2012 letter to a date that is ten days after issuance of USEPA's final Record of Decision for the site. | |
| 10/6/2016 | Email from D. Keith to USEPA G. Miller notifying USEPA of Respondent's desire to conduct quarterly inspection starting 10/7/2016 to take advantage of high tides | 10/6/2016 | Email from USEPA G. Miller to D. Keith approving the plan to conduct survey as outlined in email from D. Keith. | |
| | | 10/11/2016 | Call from USEPA G. Miller to D. Keith to discuss recent inspection report, and the observed scour in the river channel outside the footprint of the TCRA armored cap. | |
| | | 10/12/2016 | Email from USEPA A. Foster to A. Axe and G. Miller extending the time for the Respondent's to exercise their rights under the Order to dispute USEPA's actions related to the USEPA's May 22, 2012 letter to a date that is forty-five days after issuance of USEPA's final Record of Decision for the site. | |
| 10/17/2016 | TCRA Monthly Progress Report 057 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| | | 10/27/2016 | Email from USEPA G. Miller to D. Keith requesting a work plan to be submitted for Channel Maintenance in the San Jacinto River adjacent to the TCRA Armored Cap. | |
| 11/1/2016 | Email from J. Laplante to G. Miller providing date of April Cap Survey. | 11/1/2016 | Email from USEPA G. Miller to D. Keith and J. Laplante regarding the date of April 2016 San Jacinto Cap Survey. | |
| 11/7/2016 | Submitted Work Plan for Channel Maintenance to USEPA G. Miller from J. Laplante via email and hard copy. | 11/10/2016 | Email from G. Miller to J. Laplante providing comments and requesting modifications to the Channel Maintenance Work Plan submitted 11/7/2016. | |
| 11/15/2016 | Email from J. Laplante to G. Miller providing Revised Channel Maintenance Work Plan. | 11/16/2016 | Email from G. Miller to J. Laplante and D. Keith approving the Channel Maintenance Work Plan. | |
| 11/15/2016 | TCRA Monthly Progress Report 058 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 12/14/2016 | Submitted Post-TCRA Quarterly Inspection Report - October 2016. | | | |
| 12/15/2016 | TCRA Monthly Progress Report 059 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 1/17/2017 | TCRA Monthly Progress Report 060 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 1/23/2017 | Email from D. Keith to G. Miller providing status report on the ongoing Channel Maintenance efforts. | | | |
| 1/23/2017 | Email from D. Keith to G. Miller notifying USEPA of some maintenance areas that were identified during low-tide visual inspection conducted on this same date. | 1/24/2017 | Email from G. Miller to D. Keith acknowledging D. Keith's 1/23/17 notification. | |
| 1/26/2017 | Email from D. Keith to G. Miller providing maintenance work plan for addressing areas identified during the January 23, 2017 visual inspection. | 1/26/2017 | Email from G. Miller to D. Keith approving maintenance work plan that was transmitted to USEPA on same date. | |
| 2/2/2017 | Email from J. Laplante to G. Miller notifying USEPA of an area in the eastern cell, which was identified by the recent bathymetric survey, that will be probed to confirm the presence of the required thickness of the armored cap, as well as a plan for placement of additional rock, if necessary, in the area to be probed. | 2/2/2017 | Email from G. Miller to J. Laplante approving plan for confirmatory probing and additional rock placement, if necessary, as described in the email from J. Laplante on the same date. | |
| 2/9/2017 | Email from D. Keith to G. Miller notifying USEPA that a visual inspection would be conducted on this same date, in response to USEPA request also made on this same date. | 2/9/2017 | Email from G. Miller to D. Keith requesting a visual inspection following a question filed with TCEQ from an individual about the integrity of the armored cap. | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 2/10/2017 | Email from D. Keith to G. Miller regarding results of visual inspection conducted on 2/9/17, which did not identify any deficiencies in the armored cap. | | | |
| 2/15/2017 | TCRA Monthly Progress Report 061 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 2/27/2017 | Submitted Post-TCRA Quarterly Inspection Report - January 2017 (which included the January 2017 Probing and Maintenance Completion Report as Attachment 1). | | | |
| | | 3/7/2017 | Received a letter by certified mail from Gary Miller dated March 2, 2017, regarding the Respondents' financial assurance responsibilities for the RI/FS and Time Critical Removal Action. | |
| 3/10/2017 | Channel Maintenance Completion Report sent via email and hard copies from J. Laplante to USEPA G. Miller. | | | |
| 3/15/2017 | TCRA Monthly Progress Report 062 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 3/20/2017 | Submitted updated financial assurance information on behalf of IP in response to USEPA letter dated March 2, 2017. | | | |
| 3/24/2017 | Submitted updated financial assurance information on behalf of MIMC in response to USEPA letter dated March 2, 2017. | | | |
| 4/17/2017 | TCRA Monthly Progress Report 063 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 5/1/2017 | Email from D. Keith to G. Miller describing proposed vegetation control to be conducted on Thursday and Friday, May 4 and May 5, 2017. | | | |
| 5/3/2017 | Email from D. Keith to G. Miller requesting approval of vegetation control measures described in May 1, 2017 email on same subject. | 5/3/2017 | Email from G. Miller to D. Keith approving vegetation control measures proposed in the May 1, 2017 email. | |
| 5/12/2017 | Email from D. Keith to G. Miller providing the number of signs on the armored cap and fencing that are being replaced because of weathering and fading. | | | |
| 5/15/2017 | TCRA Monthly Progress Report 064 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 5/26/2017 | Submitted Post-TCRA Quarterly Inspection Report - April 2017. | | | |
| 6/5/2017 | Email from D. Keith to USEPA G. Miller notifying USEPA that Respondents would be conducting vegetation control on the armored cap on June 7, 2017. | | | |
| 6/7/2017 | Email from D. Keith to USEPA G. Miller notifying USEPA that Respondents would be replacing signs on June 8 and possibly June 9, 2017. | | | |
| 6/15/2017 | TCRA Monthly Progress Report 065 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| | | 6/16/2017 | Email from USEPA G. Miller to D. Keith requesting Respondents prepare a work plan to investigate cap integrity in response to a photo supplied by the public showing a tugboat operating in the vicinity of the armored cap. | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 6/16/2017 | Email from D. Keith to G. Miller responding to USEPA inquiry made this date, notifying USEPA that Respondents would review and provide security camera video, because the tugboat appeared to be operating outside the limits of the perimeter buoys. | 6/19/2017 | Email from USEPA C. Sanchez acknowledging that Respondent would provide security video. | |
| 6/20/2017 | Email from D. Keith to G. Miller and C. Sanchez providing security camera video of tugboat operations on June 15, 2017, showing that the tugboat was operating outside of the perimeter buoys, away from the armored cap. | 6/21/2017 | Email from G. Miller to D. Keith acknowledging receipt of video and agreeing that the work plan requested by USEPA on June 16, 2017 is not necessary. | |
| 7/17/2017 | TCRA Monthly Progress Report 066 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 7/24/2017 | Email from D. Keith to USEPA G. Miller providing status update on TCRA quarterly inspection. | | | |
| 8/2/2017 | Email from D. Keith to USEPA G. Miller providing status update on TCRA quarterly inspection. | 8/2/2017 | Email from G. Miller to D. Keith acknowledging receipt of email. | |
| 8/3/2017 | Email from D. Keith to USEPA G. Miller providing status update on TCRA quarterly inspection. | 8/3/2017 | Email from G. Miller to D. Keith acknowledging receipt of email. | |
| 8/9/2017 | Email from D. Keith to USEPA G. Miller providing status update on TCRA quarterly inspection. | 8/9/2017 | Email from G. Miller to D. Keith acknowledging receipt of email. | |
| 8/15/2017 | TCRA Monthly Progress Report 067 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| | | 8/23/2017 | Call from USEPA G. Miller to D. Keith discussing potential need for a visual inspection of the site after Tropical Storm Harvey. | |
| 8/24/2017 | Submitted Post-TCRA Quarterly Inspection Report - July 2017. | | | |
| 8/24/2017 | Email from D. Keith to USEPA G. Miller informing USEPA about Respondents' plans to inspect the site, and if necessary, perform a survey following Tropical Storm Harvey. | | | |
| 8/27/2017 | Email from D. Keith to USEPA G. Miller providing security camera photos from site for this date. | | | |
| 8/28/2017 | Response from D. Keith to USEPA G. Miller's 8/28/17 email providing a link to the river gage data for the San Jacinto River at US90. | 8/28/2017 | Email from USEPA G. Miller to D. Keith providing information on temporary USGS river stage gage installed at I-10. | |
| 8/29/2017 | Email from D. Keith to USEPA G. Miller providing security camera photos from site for 8/28/2017. | | | |
| 8/29/2017 | Email from D. Keith to USEPA G. Miller providing security camera photos from site for this date. | | | |
| 8/30/2017 | Response from D. Keith to USEPA G. Miller 's 8/30/2017 email indicating the Lake Houston dam gage was not responding, but that the US90 gage indicated a flood return interval of 500 years. | 8/30/2017 | Email from USEPA G. Miller requesting flow rate and return interval storm information from Lake Houston dam gage. | |
| 9/1/2017 | Photo from Houston Transtar Camera on the I-10 bridge showing the San Jacinto River and the site, sent via email from D. Keith to G. Miller. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 9/1/2017 | Email from D. Keith to USEPA G. Miller informing USEPA about Respondents' initial visual observations and providing photos of site conditions and discussing Respondents' intent to perform maintenance along the southern and central berms in response to flooding from Hurricane Harvey. | | | |
| 9/2/2017 | Email from D. Keith to G. Miller informing USEPA of Respondents' intent to perform a fence inspection either today or tomorrow. | 9/2/2017 | Email from G. Miller to D. Keith requesting status of the security fence and gates at the site. | |
| 9/14/2017 | Email from D. Keith to G. Miller with attached procedures for diver sampling at San Jacinto. | 9/14/2017 | Email from G. Miller to D. Keith approving diver sampling procedures transmitted via email from D. Keith on this same date. | |
| 9/15/2017 | TCRA Monthly Progress Report 068 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 9/15/2017 | Email from D. Keith to G. Miller with attached map showing location where surface samples were collected on September 7, 2017. | 9/15/2017 | Email from USEPA G. Miller to D. Keith requesting map of locations where surface samples were collected on September 7, 2017. | |
| 9/15/2017 | Email from D. Keith to G. Miller providing preliminary results from sediment and surface water sampling conducted on September 7, 2017. | | | |
| 9/15/2017 | Email from J. Laplante to G. Miller providing post Harvey Armored Cap Maintenance Plan. | 9/15/2017 | Email from USEPA G. Miller to J. Laplante approving the post Harvey Armored Cap Maintenance Plan. | |
| 9/18/2017 | Email from D. Keith to G. Miller providing preliminary results from sediment sampling conducted on September 11, 2017. | | | |
| 9/22/2017 | Email from D. Keith to G. Miller providing update on status of work plan for Channel Maintenance. | | | |
| 9/27/2017 | Email from D. Keith to G. Miller providing validated data results from September 7 and September 11 sampling events. | | | |
| 9/28/2017 | Email from D. Keith to G. Miller summarizing preliminary dive team sampling results for sampling conducted on September 15, 2017, and directing USEPA to a link to download these preliminary results. | | | |
| 9/29/2017 | Sediment Sampling and Analysis Plan Addendum submitted by J. Sampson to G. Miller. | 9/29/2017 | USEPA approved Sediment Sampling Plan. | |
| 10/3/2017 | Email from D. Keith to G. Miller providing validated data results from sampling conducted on September 15, 2017. | | | |
| 10/5/2017 | Email from J. Laplante to G. Miller providing Channel Maintenance Work Plan. | 10/9/2017 | Email from G. Miller to D. Keith providing comments on the Channel Maintenance work plan. | |
| 10/6/2017 | Email from J. Laplante to G. Miller responding to request for surface area of increased bed elevation outside of the footprint of the TCRA armored cap. | 10/6/2017 | Email and clarification from USEPA G. Miller to J. Laplante requesting the surface area of the post-Harvey survey where the elevation has increased 1 foot or more outside of the footprint of the TCRA armored cap. | |
| 10/6/2017 | Email from D. Keith to G. Miller providing post-Harvey Inspection and Maintenance Completion Report. | | | |
| 10/16/2017 | TCRA Monthly Progress Report 069 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 10/18/2017 | Email from J. Laplante to G. Miller submitting Revised Plan for Armor Rock Placement to USEPA G. Miller and five hard copies. | 10/18/2017 | Email from G. Miller to D. Keith approving the channel maintenance work plan submitted this same date. | |

## TCRA Monthly Report - Summary of Agency Communication

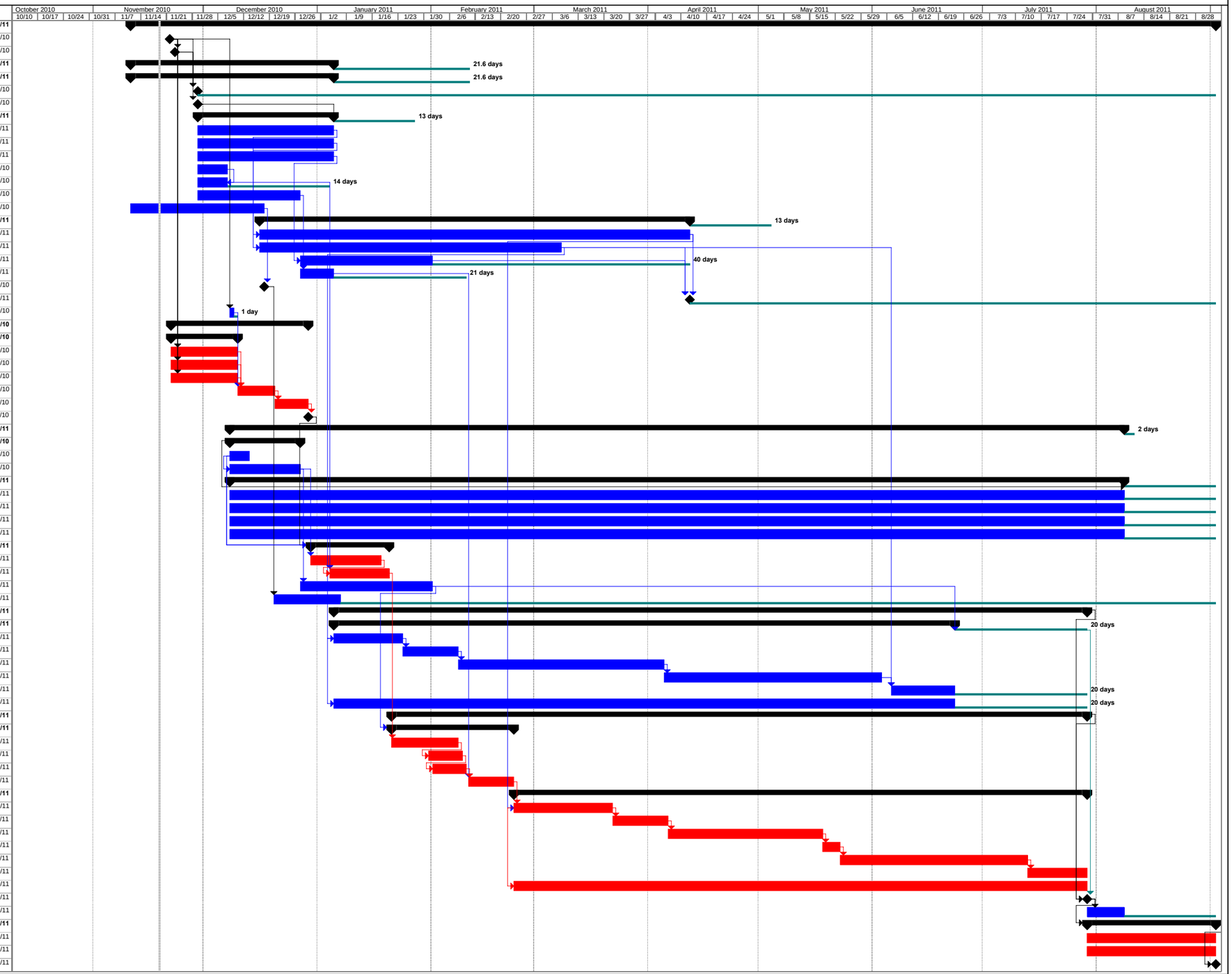
| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 10/25/2017 | Email from D. Keith to G. Miller providing visual inspection results from this date, in response to USEPA request, indicating that the buoys were in place and that there were no signs of movement on the edge of the armored cap in the northwestern area. | 10/25/2017 | Email from G. Miller to D. Keith requesting visual inspection of buoys along the eastern edge of the TCRA armored cap, and the edge of the cap along the northwestern area. | |
| | | 10/26/2017 | Email from G. Miller to D. Keith requesting electronic map data to assist USEPA in their planning of a future dive inspection. | |
| 10/27/2017 | Email from D. Keith to G. Miller discussing ongoing maintenance activities and suggesting the next quarterly inspection be conducted in January 2018. | 10/27/2017 | Email from G. Miller to D. Keith requesting information on the planned date of the next quarterly inspection. | |
| | | 10/31/2017 | Email from G. Miller to D. Keith confirming January 2018 date for next quarterly inspection, and requesting status update on upcoming channel maintenance. | |
| 11/1/2017 | Email from D. Keith to G. Miller providing an update on the anticipated schedule to begin channel maintenance. | | | |
| 11/2/2017 | Email from D. Keith to G. Miller providing an update on the anticipated schedule to begin channel maintenance, and notifying USEPA of the Respondents' intent to use Bertucci Contracting Company as the contractor for channel maintenance. | | | |
| 11/6/2017 | Email from D. Keith to G. Miller providing a revised update on the anticipated schedule to begin channel maintenance. | | | |
| 11/8/2017 | Email from D. Keith to G. Miller providing a revised update on the anticipated schedule to begin channel maintenance. | | | |
| 11/15/2017 | TCRA Monthly Progress Report 070 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| | | 11/15/2017 | Request from USEPA G. Miller requesting a summary on the amount of rock used during the Hurricane Harvey response, and the amount of rock available in the stockpile for future maintenance. | |
| 11/22/2017 | Email from D. Keith to USEPA G. Miller providing status update on channel maintenance activities. | | | |
| 12/1/2017 | Email from D. Keith to USEPA G. Miller providing status update on channel maintenance activities. | | | |
| 12/4/2017 | Email from D. Keith to USEPA G. Miller requesting that USEPA clarify statements in the ROD and public comments regarding dioxin/furan concentrations in surface water. | 12/5/2017 | Email from USEPA G. Miller to D. Keith confirming receipt of 12/4/2017 email. | |
| 12/11/2017 | Email from D. Keith to USEPA G. Miller clarifying the amount of rock used during recent channel maintenance, and confirming maintenance work was completed on 12/4/2017. | | | |
| 12/13/2017 | Email from D. Keith to USEPA G. Miller providing additional details on the amount of armor rock remaining in the offsite stockpile area. | | | |
| 12/15/2017 | TCRA Monthly Progress Report 071 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 1/2/2018 | Email from D. Keith to G. Miller notifying USEPA of upcoming quarterly survey activities. | | | |
| 1/16/2018 | TCRA Monthly Progress Report 072 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |

## TCRA Monthly Report - Summary of Agency Communication

| Respondents Submittal Date | Respondents Communication Summary | Response from USEPA Date | USEPA Communication Summary | Notes |
|---|---|---|---|---|
| 1/30/2018 | Email from D. Keith to G. Miller providing an update on the status of inspection activities, including the need for a change in tides/weather before the hydrographic survey can be completed. | 1/31/2018 | Email from USEPA G. Miller to D. Keith acknowledging 1/30/2018 email and requesting that the inspection be completed as conditions allow. | |
| 2/15/2018 | TCRA Monthly Progress Report 073 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| | | 2/21/2018 | Email from USEPA G. Miller to D. Keith requesting that TCRA signs be further secured from the wind and asking for an update on the status of the inspection surveys. | |
| 2/23/2018 | Email from D. Keith to G. Miller providing an update on the status of inspection activities indicating that the weather has still not been favorable for completing survey data collection. | | | |
| 3/9/2018 | Response from D. Keith to G. Miller via email indicating that the survey work was recently completed and that the report is being prepared. | 3/9/2018 | Email from USEPA G. Miller to D. Keith requesting a status update on the TCRA inspection survey work. | |
| 3/13/2018 | Email from D. Keith to G. Miller notifying USEPA that, based on the recent survey work, the Respondents will conduct probing of two cap areas in the north part of the eastern cell. | | | |
| 3/15/2018 | TCRA Monthly Progress Report 074 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 3/15/2018 | Email from D. Keith to USEPA G. Miller notifying USEPA of the need to conduct maintenance in several small areas where geotextile was visible but the design armor thickness was not present. | 3/16/2018 | Phone call and email from USEPA G. Miller to D. Keith approving maintenance work. | |
| 3/19/2018 | Email from D. Keith to USEPA G. Miller notifying USEPA that maintenance activities were complete. | | | |
| 3/27/2018 | Submitted Post-TCRA Quarterly Inspection Report - January 2018 via email and hard copy. | | | |
| 3/29/2018 | Submitted Post-Harvey Channel Maintenance Completion Report via email and hard copy. | | | |
| 4/16/2018 | TCRA Monthly Progress Report 075 email from J. Laplante to USEPA G. Miller and five hard copies. | | | |
| 4/19/2018 | Email from J. Laplante to G. Miller indicating Respondent's intent to conduct probing as part of the current quarterly inspection process. | 4/20/2018 | Email from G. Miller to J. Laplante approving proposed probing and requesting information to support USEPA dive planning. | |
| 4/25/2018 | Email from J. Laplante to G. Miller providing results of probing, which did not identify any need for cap maintenance | 4/25/2018 | Email response from G. Miller to J. Laplante with additional follow-up questions about the area that was identified for probing. | |
| 4/25/2018 | Email from J. Laplante to G. Miller providing responses to USEPA follow-up questions that were transmitted via email this same date. | 4/25/2018 | Email response from G. Miller to J. Laplante acknowledging responses to USEPA questions. | |
| 4/27/2018 | Email from D. Keith to USEPA G. Miller providing electronic files and responding to USEPA questions regarding same. | 3/22/2018 | Email from USEPA G. Miller to D. Keith regarding SJWP Dive Planning Meeting Followup. | |
| 5/9/2018 | Email from J. Laplante to G. Miller submitting Post-TCRA Quarterly Inspection Report - April 2018 via email; hard copies submitted through FedEx. | 5/9/2018 | Email from G. Miller to J. Laplante acknowledging receipt of Inspection Report. | |
| | | | | |
| | | | | |

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

| ID | Task Name | Duration | Start | Finish |
|---|---|---|---|---|
| 1 | **SAN JACINTO WASTE PIT SUPERFUND SITE** | **164.6 days** | **Thu 11/11/10** | **Fri 9/2/11** |
| 2 | Contract Completion | 0 days | Mon 11/22/10 | Mon 11/22/10 |
| 3 | Notice To Proceed | 0 days | Tue 11/23/10 | Tue 11/23/10 |
| 4 | **Materials Procurment** | **28.6 days** | **Thu 11/11/10** | **Wed 1/5/11** |
| 5 | **Materials Lead Time** | **28.6 days** | **Thu 11/11/10** | **Wed 1/5/11** |
| 6 | Place Orders - Bouys and Signs | 0 days | Mon 11/29/10 | Mon 11/29/10 |
| 7 | Place Orders - Materials | 0 days | Mon 11/29/10 | Mon 11/29/10 |
| 8 | ***Material Preparation Lead Time*** | **20 days** | **Mon 11/29/10** | **Wed 1/5/11** |
| 9 | *Natural Stone (54,500 tons, 9 trains)* | 20 days | Mon 11/29/10 | Wed 1/5/11 |
| 10 | *Processed Concrete (18,600 tons, 1,030 end dumps)* | 20 days | Mon 11/29/10 | Wed 1/5/11 |
| 11 | *Filter Fabric (4 truck loads)* | 20 days | Mon 11/29/10 | Wed 1/5/11 |
| 12 | *Access Road Filter Fabric* | 5 days | Mon 11/29/10 | Tue 12/7/10 |
| 13 | *Access Road TxDOT Road Base* | 5 days | Mon 11/29/10 | Tue 12/7/10 |
| 14 | *LLDPE* | 15 days | Mon 11/29/10 | Mon 12/27/10 |
| 15 | *Bouys and signs* | 20 days | Thu 11/11/10 | Fri 12/17/10 |
| 16 | **Materials Delivery** | **65 days** | **Thu 12/16/10** | **Tue 4/12/11** |
| 17 | Natural Stone | 65 days | Thu 12/16/10 | Tue 4/12/11 |
| 18 | Processed Concrete | 45 days | Thu 12/16/10 | Tue 3/8/11 |
| 19 | Filter Fabric (rock underlay) | 20 days | Mon 12/27/10 | Tue 2/1/11 |
| 20 | LLDPE | 5 days | Mon 12/27/10 | Wed 1/5/11 |
| 21 | Bouys and signs | 0 days | Fri 12/17/10 | Fri 12/17/10 |
| 22 | Materials Delivery Complete | 0 days | Tue 4/12/11 | Tue 4/12/11 |
| 23 | Preconstruction Conference | 1 day | Wed 12/8/10 | Thu 12/9/10 |
| 24 | **Plans and Submittal** | **20 days** | **Mon 11/22/10** | **Wed 12/29/10** |
| 25 | **Preparation** | **10 days** | **Mon 11/22/10** | **Fri 12/10/10** |
| 26 | Project Work Plan | 10 days | Mon 11/22/10 | Fri 12/10/10 |
| 27 | Site Specific HASP | 10 days | Mon 11/22/10 | Fri 12/10/10 |
| 28 | QAPP | 10 days | Mon 11/22/10 | Fri 12/10/10 |
| 29 | Submittal Review | 5 days | Fri 12/10/10 | Mon 12/20/10 |
| 30 | Response to Comments/Final Documents | 5 days | Mon 12/20/10 | Wed 12/29/10 |
| 31 | Final Approvals | 0 days | Wed 12/29/10 | Wed 12/29/10 |
| 32 | **Construction** | **136 days** | **Wed 12/8/10** | **Mon 8/8/11** |
| 33 | **Project Set-up** | **10 days** | **Wed 12/8/10** | **Mon 12/27/10** |
| 34 | Mobilization | 3 days | Wed 12/8/10 | Mon 12/13/10 |
| 35 | Big Star Property Improvements | 10 days | Wed 12/8/10 | Mon 12/27/10 |
| 36 | **Site Management Activities** | **136 days** | **Wed 12/8/10** | **Mon 8/8/11** |
| 37 | Health and Safety | 136 days | Wed 12/8/10 | Mon 8/8/11 |
| 38 | Quality Control | 136 days | Wed 12/8/10 | Mon 8/8/11 |
| 39 | Survey Control | 136 days | Wed 12/8/10 | Mon 8/8/11 |
| 40 | Site Security | 136 days | Wed 12/8/10 | Mon 8/8/11 |
| 41 | **Access Road Construction** | **12 days** | **Thu 12/30/10** | **Thu 1/20/11** |
| 42 | Clear and Grub | 10 days | Thu 12/30/10 | Tue 1/18/11 |
| 43 | Place Filter Fabric and Road Base | 10 days | Tue 1/4/11 | Thu 1/20/11 |
| 44 | Environmental Protection | 20 days | Mon 12/27/10 | Tue 2/1/11 |
| 45 | Sign and Bouy Installation | 10 days | Mon 12/20/10 | Fri 1/7/11 |
| 46 | **Armor Cap Placement** | **116 days** | **Wed 1/5/11** | **Fri 7/29/11** |
| 47 | **Water Side Placement** | **96 days** | **Wed 1/5/11** | **Thu 6/23/11** |
| 48 | Armor Cap C2 | 10 days | Wed 1/5/11 | Mon 1/24/11 |
| 49 | Armor Cap B | 9 days | Mon 1/24/11 | Tue 2/8/11 |
| 50 | Armor Cap E | 32 days | Tue 2/8/11 | Tue 4/5/11 |
| 51 | Armor Cap D | 34 days | Tue 4/5/11 | Fri 6/3/11 |
| 52 | Armor Cap A | 11 days | Mon 6/6/11 | Thu 6/23/11 |
| 53 | Place Geotextile | 96 days | Wed 1/5/11 | Thu 6/23/11 |
| 54 | **Land Side Placement** | **107 days** | **Fri 1/21/11** | **Fri 7/29/11** |
| 55 | **Western Cell Preparation** | **19 days** | **Fri 1/21/11** | **Wed 2/23/11** |
| 56 | Clear and Grub Peninsula | 10 days | Fri 1/21/11 | Tue 2/8/11 |
| 57 | Shaping and Grading | 6 days | Mon 1/31/11 | Wed 2/9/11 |
| 58 | Granular Fill (bedding) | 6 days | Tue 2/1/11 | Thu 2/10/11 |
| 59 | LLDPE Placement | 7 days | Fri 2/11/11 | Wed 2/23/11 |
| 60 | **Armor Cap Placement** | **88 days** | **Wed 2/23/11** | **Fri 7/29/11** |
| 61 | Armor Cap B | 15 days | Wed 2/23/11 | Tue 3/22/11 |
| 62 | Armor Cap C1 | 9 days | Tue 3/22/11 | Wed 4/6/11 |
| 63 | Armor Cap C2 | 24 days | Wed 4/6/11 | Wed 5/18/11 |
| 64 | Armor Cap A | 2 days | Wed 5/18/11 | Mon 5/23/11 |
| 65 | Armor Cap D | 28 days | Mon 5/23/11 | Wed 7/13/11 |
| 66 | Armor Cap E | 10 days | Wed 7/13/11 | Fri 7/29/11 |
| 67 | Place Geotextile | 88 days | Wed 2/23/11 | Fri 7/29/11 |
| 68 | Substantial Completion | 0 days | Fri 7/29/11 | Fri 7/29/11 |
| 69 | Demobilization | 5 days | Fri 7/29/11 | Mon 8/8/11 |
| 70 | **Final Reports** | **20 days** | **Fri 7/29/11** | **Fri 9/2/11** |
| 71 | Redline Drawings | 20 days | Fri 7/29/11 | Fri 9/2/11 |
| 72 | Narrative | 20 days | Fri 7/29/11 | Fri 9/2/11 |
| 73 | Project Completion | 0 days | Fri 9/2/11 | Fri 9/2/11 |




Project: San Jacinto River Waste Pits Superfund Site
Draft Schedule
Date: Fri 11/19/10

Critical | Task | Progress | Slack | Summary | Rolled Up Critical | External Tasks | Deadline
Critical Split | Split | Milestone | Slippage | Project Summary | Rolled Up Critical Split | External Milestone