# NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

***November 9, 2016***

**(877) 848-7030; Passcode 5921807**

| CRITICAL PATH ITEMS | | |
|---|---|---|
| NERT | NDEP (BISC *and* BWPC) | AECOM |
| 1. Meet with Clark Country / US BOR/ SNWA on 11/16 re: EE/CA weir pipelines placement.<br>2. Submittal of 30% weir design package to US BOR.<br>3. Preparation of weir dewatering treatment NPDES application. | 1. US BOR access required by 1/7/17.<br>2. Awaiting BWPC response re: final GWETS NPDES permit comments.<br>3. Awaiting feedback on $2M weir budget release to begin procurement for long-lead items. | |

| GWETS STATUS | | |
|---|---|---|
| GW-11 | FBR | LIFT STATIONS / WELL FIELDS |
| • Online (EQ)<br>• Volume 38.6 MG; W/W + ~0.5 MG | • Condition normal. | • Condition normal.<br>• Preparation of Technical Memo as requested by NDEP re: LS#2 release in progress. |

| NERT REMEDIAL INVESTIGATION STATUS | | | |
|---|---|---|---|
| TASK* | CURRENT STATUS | UP-NEXT | SCHEDULE |
| Community Involvement | Finalization of scope / budget for Phase 3 modification in progress. | Submittal of CIP to NDEP; Preparation and transmittal of mailing and scheduling of meeting. | Wk 3/9<br>5% |
| **Soils / Groundwater Investigation** | AP-5 / LVW transducer / Phase 2 on hold. | Phase 2 to commence upon budgetary approval. | TBD |
| **Soils Investigation (Unit 4/5)** | Received agency approval re: step out/down borings. Second mobilization is underway; 55 borings have been completed (including one @ 250 ft). | Completion of 2nd Mobilization. | Wk 19/35[1]<br>72% |
| Treatability Study : GW Bio | Report under Trust review. | Report submittal in November. | ASAP |
| Treatability Study : Flushing | Flushing program complete; Data evaluation and reporting in progress. Delay in receiving lab data. | Report submittal in November. | Wk 21/24<br>90% |
| GW Modeling – Phase 5 | Development of Phase 5 model in progress. Peer review underway. | Submittal of Phase 5 model by 11/14. | Wk 28/29<br>95% |
| Source ID : Chloroform | On hold - awaiting data from unit building and RI Phase 2 investigations. | - | TBD |
| **Operations Area Baseline HRA** | COPC/EU Report submitted to NDEP 8/28; NDEP Draft comments under Trust review. | Meeting with NDEP to discuss NDEP draft comments on COPC/EU report and path forward for BHRA Preparation. | TBD |
| **RI Work Plan Amend. : SWF GWB Treatability Study** | Budget approved. Negotiation w/ BWC re: access. | Finalization of project schedule; Implementation of preliminary field work. | TBD |
| RI Work Plan Amend. : IWF In-Situ Treatability Study (Cr) | Budget approved. Implementation in progress. | Review of bench scale test results. | Wk 3/55<br>6% |

[1] Project schedule through submittal of the 2nd Mobilization Sampling Tech Memo.

* **BOLD** items indicate change in task status



ED_002461_00003736-00001

# NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

***November 9, 2016***

**(877) 848-7030; Passcode 5921807**

| NERT REMEDIAL INVESTIGATION STATUS | | | |
|---|---|---|---|
| TASK * | CURRENT STATUS | UP-NEXT | SCHEDULE |
| RI Work Plan Amend. : Soil Flushing Pilot (CRB) | Submittal in 2017. | - | - |
| RI Work Plan Amend. : TDS Impacts in UMCf | Preparation of work plan in progress. | Submittal of work plan in late December. | Wk 29/38 68% |
| RI Work Plan Amend. : TDS Impacts on Remediation and GWETS | Preparation of work plan in progress. | Submit draft work plan in November. | Wk 15/12 90% |
| Eastside (Common Area) Investigation Work Plan | Finalization of scope / budget in progress. | NERT to meet w/ NDEP/EPA to discuss RAOs prior to WP submittal. | Wk 1/16 1% |
| RI Phase 2 Access Agreements | Identification of access requirements in progress. | Communication with the various entities to commence upon budgetary approval. | Ongoing |

| NDEP DOWNGRADIENT INVESTIGATION STATUS | | | |
|---|---|---|---|
| TASK * | CURRENT STATUS | UP-NEXT | SCHEDULE |
| AECOM TASK 130 General WP Documents | All documentation for the initial phase of the investigation have been finalized | Submittal of Work Plan for the next data collection effort. | 4Q16 |
| AECOM TASK 131 EA for LVW/BOR Area | AECOM received non-invasive approval on 10/7. Awaiting approval from BOR on invasive form (SF-299) submitted on 8/19. | Resolution of access with BOR. | Wk 16/26 75% |
| **AECOM TASK 140 Initial GW Sampling** | Submitted 10/28; Complete. | Data to be integrated in RI Report. | - |
| **AECOM TASK 150 Initial SW Sampling** | Submitted 10/28; Complete. | Data to be integrated in RI Report. | - |
| **AECOM TASK 151 SW Investigation Plan** | AECOM RTC under Trust review. | Finalization of document. | Wk 14/40 28% |
| AECOM TASK 160 Geophysical Pilot Test Plan | AECOM received non-invasive approval on 10/7. Utility clearance underway. | Non-invasive field work to begin week of 11/10. | Wk 42/64 40% |
| **AECOM TASK 170 GW Investigation** | Transducer installation plan under Trust review. | Submittal of Phase 1 Work Plan (due 12/26/16). | Wk 6/60 5% |

* **BOLD** items indicate change in task status



ED_002461_00003736-00002

| GWETS / COP PROJECTS | | | |
|---|---|---|---|
| TASK* | CURRENT STATUS | UP-NEXT | SCHEDULE |
| **ETI Work Authorizations / Amendments** | **In Negotiation**<br>• Secondary containment upgrades<br>• IWF data capture updates<br>• IWF VFD upgrades<br>• GW sampling amendments | - | ONGOING |
| **AP-5 Solids Removal** | Received BWPC approval of 100% design. Removal of abandoned infrastructure has begun; 20 uncontemplated items discovered and counting. Conducted safety meeting w/ COH response agencies on 10/26. | Slurring/transfer of AP-5 material. | Wk 45/52[2]<br>70% |
| **GWETS/NET** | NERT continuing negotiations with UPRR; Finalization of web site in progress. | Rollout GWETS/NET v1 | November 2016 |
| Pipeline Flow Evaluation | NDEP approval on project received 8/18; Finalization of project budget and schedule in progress. | Tech Memo to be submitted upon completion of initial effort will include a budget for various infrastructure improvements. | TBD |
| Pipeline Easements | Title search complete. Approx. 75% of pipeline appears to have significant easement issues. | NERT to determine strategy and budget for continuation of the project. | 70% |
| Water Management Plan | NERT determining multi-year strategy for GW-11 replacement, AP-5 treatment and continued implementation of the COP. | NERT to present strategy to NDEP/EPA. | Early December |
| GWETS Infrastructure Updates II (LS / AWF Upgrades; VFDs) | Lift Station pumps and VFD installation complete and operational. | Shake down of systems and preparation of documentation. | Wk 16/16<br>95% |
| **IX Installation** | IX proposal and O&M amendment with ETI finalized; ETI has commenced implementation. | System installation. **NOTE – Discharge of treated GW in excess of 1.45 MGD (30day AVG) requires issuance of revised NPDES permit.** | Wk 14/21<br>15% |
| **AP Area Soil Flushing Treatability Study** | Project implementation in-progress. Down flushing started on 10/14. Extraction wells operating since 10/24. | Completion of flushing plots.<br><br>*Overall project progress to be reported during COP meetings.* | Wk 3/54 |
| Minor Source Air Permit Renewal | Submittal of package to Clark County DAQ 9/21; Awaiting comment and/or approval. | - | - |

[2] Project schedule through the completion of infrastructure construction.

* **BOLD** items indicate change in task status

| OTHER ENVIRONMENTAL PROJECTS | | | |
|---|---|---|---|
| TASK* | CURRENT STATUS | UP-NEXT | SCHEDULE |
| Perchlorate Migration to TIMET | EE/CA path to resume. | Finalization of project scope, schedule and budget. | TBD |
| Stormwater Conveyance Modification / East-side Grading | All on-site effort is complete. Project documentation and TIMET report preparation in progress. | Submittal of documentation to TIMET. | Wk 48/36 87% |
| NERT HASP | Finalization of HASP in progress. | - | Wk 42/31 85% |
| **Parcels Risk Assessment** | NDEP consultants reviewing Parcel H rad data. Soil gas HRA submitted to NDEP on 9/23 and under NDEP review; Revisions to Soil HRA in progress. The Trust has been in discussions w/ Ranajit Sahu (TRECO). | Submittal of response to NDEP 7/25 letter re: Parcel H/2006 Upgradient Investigation DVSR; Submittal of DVSRs for Parcel C data; Response from NDEP consultants re: Parcel H rad data. | Dep. on NDEP data review |
| Parcel C Soil removal | Completed evaluation of analytical results to define extent of contamination. | Mobilization for removal. | Wk 12/30 18% |
| **Groundwater Monitoring Optimization** | Well inspections and 95% of surveys complete; Preparation of SAP in progress. Sampling transition from ETI to Tetra Tech underway. | Complete remaining survey of wells. Completion and documentation of all GWMO tasks. | Wk 17/24 70% |
| **SMP, Revision 3** | SMP revisions underway; NERT Site-wide Dust Control Plan, Hazardous Waste Management Plan, and Contractor Safety Program are being incorporated into the SMP. | Submittal of SMP, Revision 3 in December 2016. | Wk 5/12 50% |

| NDEP ORDER : SNWA WEIRS GROUNDWATER TREATMENT | | | |
|---|---|---|---|
| TASK* | CURRENT STATUS | UP-NEXT | SCHEDULE |
| **EE/CA** | Public comment period. Awaiting feedback from MWD on NERT's RTC. Awaiting budget approval. | NERT to comment on draft NDEP background letter. NDEP to issue Action Memorandum incorporating public comment, if any. | Ongoing |
| **Land Access : BEC** | Short-term access agreement approved. Long-term access agreement awaiting BEC signature. All necessary pre-design data has been collected. | Full access needed by 1/7/16. | ASAP |
| Land Access : BOR | 2540 has been submitted to BOR. NDEP-BISC managing interagency agreement process with SHPO administrator assistance. | TBD based upon NDEP-BISC/SHPO dialogue. Full access needed by 1/7/16. | ASAP |
| Land Access : CC | - | NERT to host meeting w/ Clark County, US BOR and SNWA on 11/16. | ASAP |
| Treatment System Design | System design ongoing. | Submittal of 30% design package to BOR. NERT to complete evaluation of various purchase vs. rental scenarios. | ASAP |

* **BOLD** items indicate change in task status

| TRUST ADMINISTRATION | | | |
|---|---|---|---|
| TASK* | CURRENT STATUS | UP-NEXT | SCHEDULE |
| **Budget Status** | Awaiting feedback on amendment 2016-02. | Submittal of 2017 budget. | Ongoing |
| **Stakeholder Relations** | Preparing minutes for distribution; Awaiting feedback from Stakeholders. | Next quarterly call: TBD | Ongoing |
| Tronox LTCA Projects | 18 active projects; 1 project approval pending. | Invoice 105 to be submitted. | Ongoing |
| **BWC / BEC Negotiations** | **In Negotiation**<br>• SLMW perpetual access agreement<br>• Seep Bio TS access agreement<br>• Weir (2-year) access agreement | **To Be Discussed**<br>• LS#2 easement amendment<br>• RI Phase 2 access agreement<br>• Corrective easements for pipelines | Ongoing |
| **Tronox SLMW Delivery Infrastructure and Charges** | Inside Tronox 15 business day review period for meter installation project; NERT determining costs for "upper loop" repair. | NERT to install 5 meters and engage Tronox re: "upper loop" repairs. | Ongoing |
| Chlorine Line | Ongoing negotiation with all parties. | NERT to discuss with NDEP when appropriate. | Ongoing |
| BMI Complex Sanitary | NDEP awaiting status report from BMI. | | Ongoing |
| 4th Street Paving | NERT performed minor repairs; awaiting additional information from BMI. | | Ongoing |
| Sale of Parcel E (+ Western Slice) | Henderson GW, LLC will be seeking an easement instead of a purchase. | NERT to negotiate easement terms and present to NDEP. | Ongoing |
| Perchlorate Reimbursement | Preparation of 2015 claim in progress. | | Ongoing |
| AIG Claims | Jan-Apr 2016 submitted 9/12. | | Ongoing |
| Tronox Escrow | NERT to resolve when appropriate. | | TBD |
| Financial Reporting | Awaiting data to prepare October monthly report; Draft ACG 3Q16 report under Trust review. | Submittal of ACG 3Q16 and October monthly reports. | Ongoing |
| Tronox Lease Matters (Confidential) | In progress | | |

* **BOLD** items indicate change in task status