

County of San Luis Obispo Onsite Environmental Coordinator
Guadalupe Update 10-12-2016

Construction/remediation activities continue at the Chevron Guadalupe Oil Field Remediation Site (Field) this week. The San Luis Obispo County Onsite Environmental Coordinator (OEC) continues to be present at the Field on a daily basis.

The following description of the weekly activities at the Field will give any of the interested parties an opportunity to identify additional requests in terms of special monitoring or approval requirements for any particular tasks on the Field. Significant issues and important review schedules are underlined.

- Construction contractor is now working four 10-hour days per week. Construction schedule will return to five 8-hour days at the end of October. Entry into the site remains at 7 am.

The following Plans are currently under agency review:

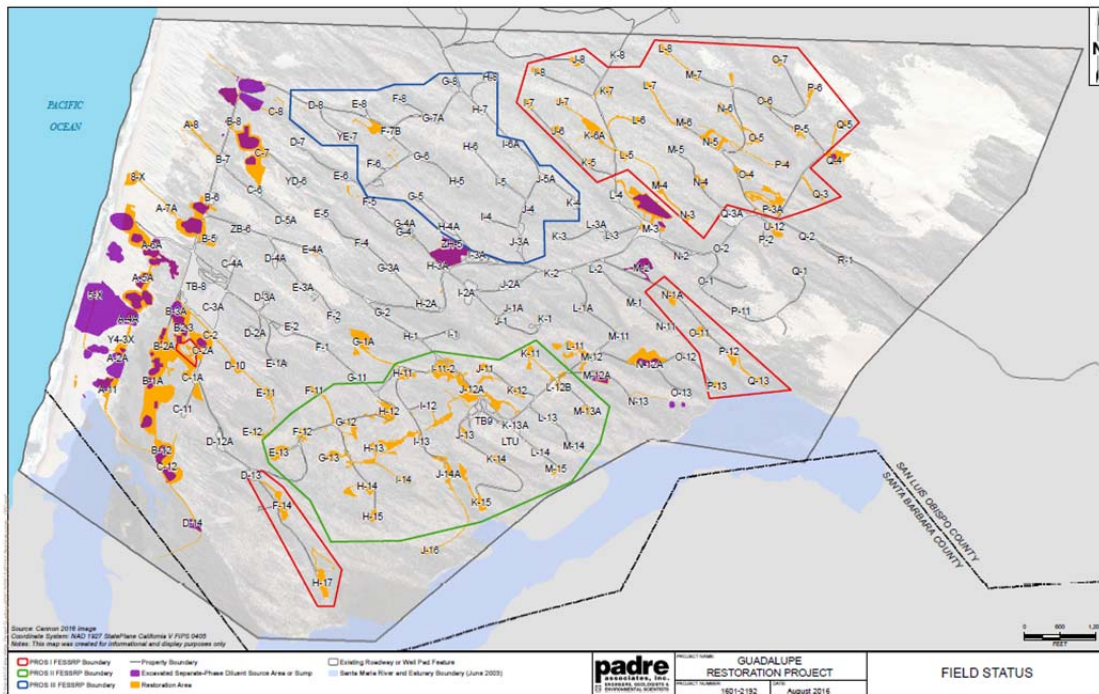
- Chevron submitted the PROs Program Restoration Procedure Plan in June 2016 for agency review and approval. The County has reviewed this plan and has submitted final comments to Padre staff on September 29, 2016.
- On September 28, 2016 Chevron/Padre submitted a TB9 Stockpile Implementation Plan for using the former Tank Battery 9 (TB9) Area as a stockpile location for TPH-affected soil. After discussions with the County, Padre will be revising the Plan and will be re-submitting to agencies for approval in the next few weeks with minor changes to the grading plan.



TB9 (previously the LTU Site): Chevron is proposing to re-activate this previously approved Temporary Stockpile area to stockpile PROs Phase III excavated material. Chevron will be re-submitting the Work Plan for agency review for this site in the next few weeks.

- Chevron/Padre submitted the TB5 B9 Wetland Addendum on September 17, 2016 for agency review. This Work Plan Addendum describes the proposal to remove sump material from the B9 Wetland adjacent to the TB5 Excavation area. This Plan is still currently under review by all agencies.
- Chevron/Padre submitted the TB8 Technical Work Plan for additional Site Assessment work at TB8 (September 20, 2016) and TB9 (September 30, 2016). These plans have been reviewed and approved by the RWQCB and the OEC and do not require any additional approval from any other agencies.

To help orient the placement of remediation activities, this figure shows the Field and the location of all active and completed project sites (including the three PROS Work Plan Phases).



Phase I (Test Phase) Remediation Sites 2013-2015 PROS Sites (outlined in red)
Phase II Remediation Sites 2015-2016 PROS Sites (outlined in green)
Phase III Remediation Sites 2016-2017 PROS Sites (outlined in blue)
Completed remediation sites: excavated separate phase diluent (purple)
Completed PROS sites: excavated and/or treated (gold)

Here are the current activities:

Remediation Activities:

B9 Wetland/TB5 Sump Removal

- As described in the approved TB5 Work Plan, Chevron has removed a portion of a road extending through native habitat including the previously remediated Phytoremediation area. While removing this road material, sump material was observed that extended beyond the work plan-approved boundary. Chevron has collected additional data on this sump material in terms of characterization and has submitted to all agencies a Letter Report (dated September 3, 2015) which presents additional analysis of this material present at the B9 Area
- Chevron is currently proposing to conduct further remediation in the B9 Wetland area and has prepared an addendum to the existing TB5 Work Plan that would include excavation of material from this area. Chevron has submitted the Work Plan addendum which includes a request for a 1:1 replacement ratio for disturbed wetlands (to which SLO County, Coastal Commission and CDFW have already consented).

2016 PROS Pad, Road and Oil Spray Removal/Treatment Activities

- Chevron submitted the PROS Program Comprehensive Document for agency review on January 4, 2016. The County and agencies reviewed the Program document and approved it on May 12, 2016.
- The final PROs Phase II sites not yet completed include the J12 excavation, which awaits final P66 activities to be completed in the area.
- The Chevron team continues excavation and treatment on several Phase III sites including E8, F7A, F7B, G8 and H7. Excavation, treatment, backfill, final grade approval, and the installation of erosion and sediment control measures have been completed at the following Phase III sites: D8, G7A and YE7.
- PROS activities include oil spray removal and treatment, pad treatment, sump removal, pipeline removal, road treatment, asbestos removal and excavation of contaminated materials.

- Chevron has implemented a new backfill approval process that was reviewed and approved by the RWQCB in which portions of a specific PROs Site could be backfilled prior to RWQCB approval. This allows more continuous work flow as the rest of the site is being excavated and/or treated. The OEC will still continue to review all sample data prior to any backfill.



F7B PROs Site Excavation: diluent and sump material is excavated from the site prior to any pad or oil spray treatment.



Newly installed antenna at the Guadalupe Field Station.

Hauling Activities

- RTS has temporarily ceased hauling activities to the SMLF.
- Chevron reports that as of September 15, 2016, a total of 68,595 loads have been hauled to the Santa Maria Landfill, totaling 1,557,083 tons or 1,104,314 c.y. of contaminated material.
- The original SEIR hauling activities were completed on September 18, 2012. At that time, a total of 51,962 SEIR related loads had been hauled to the Santa Maria Landfill totaling 1,186,770.77 tons or 859,978.82 cy of contaminated materials.
- The SEIR Addendum hauling activities commenced on September 24, 2012. To date, a total of 16,633 Addendum related loads have been hauled to the Santa Maria Landfill, totaling 370,312 tons or 262,633 cy of contaminated materials.
- The OEC continues to receive and review weekly travel records for the 7 haul trucks driving between the Guadalupe Site and the SMLF. All trucks leaving the site continue to be observed and recorded traveling along the established approved travel route.

Perimeter Fence

- There were no cows observed on the Field in the last month.

Other Field Activities:

- Padre staff continues to collect monitoring well samples throughout the Field according to their quarterly schedule.
- In accordance with CAO 98-38, amended November 6, 1998, active and passive free-product recovery systems continue to operate with periods of limited interruption at the Compressor Plant (CP), Diluent Tanks (DT) and Tank Battery 9 (TB9) Areas. As required, Padre staff provides notification to RWQCB during periods of planned shut-down for system maintenance and/or evaluation. System operation is dependent on recovery pump maintenance activities performed daily by O&M staff, which ensures the pumps are properly functioning.
- Chevron wildlife monitors conduct daily checks of the access roads prior to anyone entering the site.
- The hydrocarbon release at the 5X Beach Site continues to be monitored (visual and odor surveys 3x/week by Padre Staff) near the old 5X Excavation Site. There is currently no odor detected and no visible evidence of release. Chevron reports that beach surveys will continue three times per week as detailed in the 5X Beach Monitoring Plan.

Sensitive Species Issues:

- As required in the Project's Biological Opinion, Chevron continues pursuing crayfish trapping in the Marsh Ponds. Chevron/Padre has submitted to USFWS, CDFW and the County OEC a new Crayfish Removal Protocol and will conduct additional training of all involved approved biologists. Approved Padre biologists will continue crayfish trapping after receiving final approval from USFWS and additional training and protection measures are implemented to reduce any future potential "take".
- Feral pig depredation efforts continue onsite as directed and permitted under the CDFW depredation permit. USDA Wildlife Services continue to bait feral hog traps, and have successfully trapped several feral hogs, dispatching them with a firearm, collecting carcasses, and disposing of carcasses as directed and allowed by the CDFW depredation permit and CEMC policies.
- Padre biologists conduct a daily morning clearance of all roads and work areas prior to all activities on the site.
- Chevron biologists continue to monitor restoration sites throughout the lease.

LIFE AT GUADALUPE



Surf thistle grown in Chevron's Growing Facility and outplanted this Fall in the A6 area. A total of 21 of the 52 surf thistle plants growing at the growing facility were planted in the A-6 Area where this species has been found historically.