

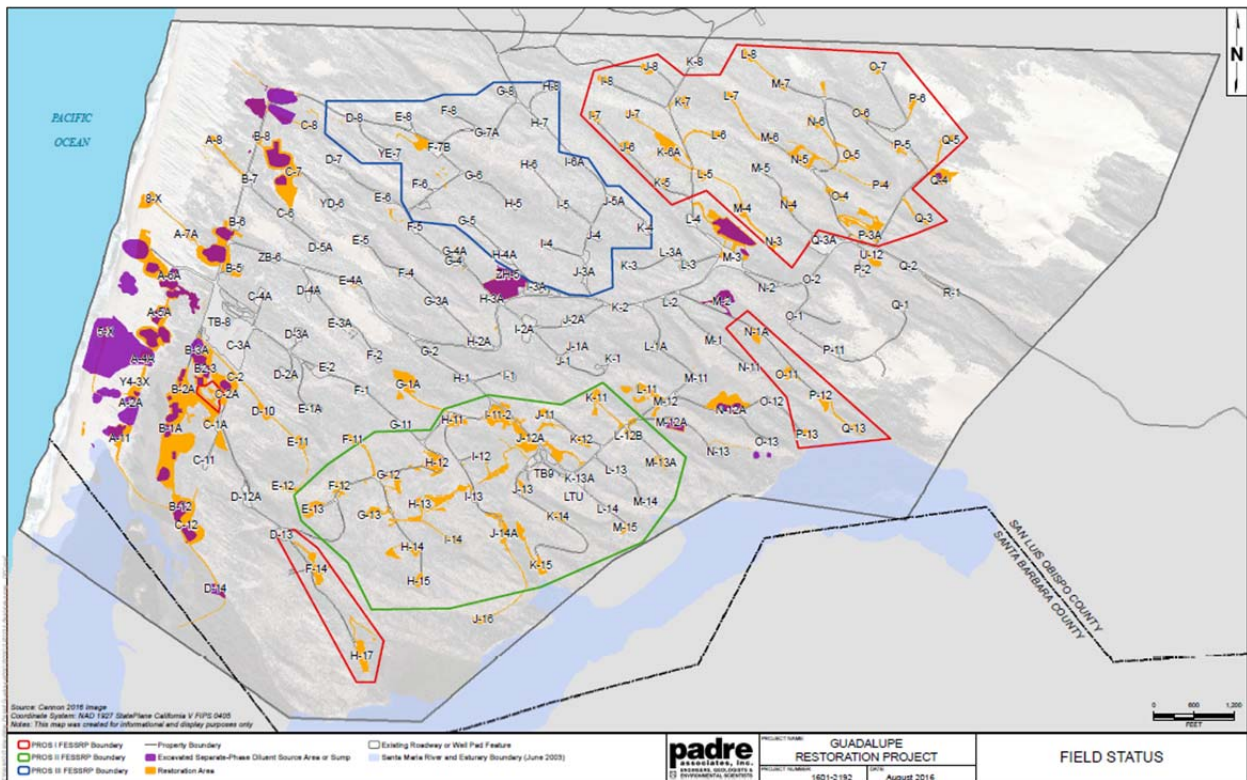
**County of San Luis Obispo Onsite Environmental Coordinator  
Guadalupe Update 9-21-2016**

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. Entry into the site remains at 7 am.

To help orientate the placement of remediation activities, Figure 1 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 Phyto-remediation 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 9-3-2015) 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 will be submitting the Work Plan addendum and an addendum to the existing TB5 Wetland Restoration Plan for these activities in the next few weeks.

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

- Chevron has submitted the PROS Program Comprehensive Document for agency review on January 4, 2016. The County and agencies have reviewed and approved the Program document on May 12, 2016.
- Chevron has submitted the PROs Program Restoration Procedure Plan in June 2016 for agency review and approval. The County is still currently reviewing this Plan.
- The final PROs Phase II sites not yet completed include the H11 Pad treatment, J12 excavation, and M14 Road treatments. All of the major excavations have been completed at these sites (except J12 which awaits final P66 activities to be completed in the area); completion of these PROs Sites awaits sample results before final treatments and/or backfill activities.



**M14 Road Removal (as part of the final Phase II PROs activities).**

- The Chevron team continues excavation and treatment on several Phase III sites including D8, E8, F7A, G7A and YE7. Excavation, treatment, backfill, final grade approval and the installation of erosion and sediment control measures have been completed at the YE7 Phase III site.
- 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.



**TB8 Basins: Chevron continues to decommission the TB8 Basins (old view of tarp-covered basins in background). These basins use to contain contaminated water and were responsible for continued potential exposure risks to wildlife. Both basins are now currently backfilled with contaminated material (excavated from the PROS Sites).**



**TB8 Basin: currently backfilled and are being capped with red rock and asphalt to eliminate exposure and storm water runoff concerns.**

## 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 9/18/2012. At that time, a total of 51,962 SEIR related loads were 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 9/24/2012. 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 recorded being observed 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 staff 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.



**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 submitting a Work Plan for agency review for this site in the next few weeks.**

- 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 was no odor detected and there was 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 the final approval from USFWS and additional training and protection measures are implemented to reduce any future potential "take".
- Padre biologists have completed the western snowy plover nesting season surveys of the beach area as required under the County Conditions of Approval and Biological Opinion.
- 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**



**Mule deer buck.**