

RO 143; Chevron #9-0020

1633 Harrison St, Oakland

Site Visits

Thursday December 30, 2010

Drive by site @ 4:30 to verify extent of work at site. Initially reported to have begun excavations today, with continuation tomorrow Friday (a holiday), with later changes to work initiation on Monday; drive by indicates no excavations have occurred to date.

Monday January 3, 2011

Arrive @ 8:35 to find crews getting started, CRA present, Treadwell & Rollo (as Geotech Engineer) and several contractor companies, and GM. Excavations not started, beginning to outline debris pit in white paint. Excavations begin mid AM with trench parallel to building to south (calling Harrison as N-S) to locate debris pit limits; 20 ft from building due to concerns as to stability. Find quickly; begin removal in NE corner of pit; general plan is to excavate in phases, likely 6 different removal pits within larger debris pit due to stability concerns, and backfill each before moving to next. Speak of using thin grout slurry as backfill closer to building to south. Witness sidewall and bottom sampling along Harrison St boundary of pit (native only). Nathan Lee from CRA out prior to sampling. Also review WO UST excavation. No odors noted in potentially stained soil (heavier end?). Intended to sample WO excavation after removal of retaining wall adjacent to excavation; however, wall much deeper than expected, so will need to get breaker point and spend rest of day working that section for removal. Offsite 1:30 ish.

Tuesday January 4, 2011

Did not make it to site today due to meeting conflict. CRA did not expect to get far; however, most of debris pit along building to south was removed, and WO UST excavation conducted. Sampled at 10 ft bgs, closer to retaining wall which was ultimately not removed.

Wednesday January 5, 2011

Onsite @ 8:30; crew sampling "western" wall of debris pit. Pit looks pretty good, no odors apparent at surface level; however, staining present at base of excavation; request sampling of that and some odor noted when raised to surface, but not significant. Soil is silty sand with clay; suspect heavier end residual may remain and clarify that we recommend the hole remain open until lab results back. Confirm this with Nathan Lee of CRA; also confirm WO UST excavation soil sample collection location. Nathan confirms he now has authority to sample soil stockpile for reuse, did not have on Monday as had been split off and given to contractor's environmental consultant. Confirm I want to be present for removal and sampling of product line still present along Harrison Street side of excavation (fully open, none backfilled).

Thursday January 6, 2011

Receive call from Nat Lee of CRA @ 9:30; product piping removed and sample collected late yesterday he's just found out. Head out to site by 10:00; arrive 10:30 to observe results before it becomes obscured. It appears section of pipe was very limited (<10-ish feet) in length; sampling location reasonably observable. Staining not any more significant than other observed staining. They are pending initial results, probably tomorrow.

Friday January 7, 2011

Call Nat @ 9:15 to verify work status; leave VM. Return call @ 9:30; no work at site today. He's currently preparing a site map of sample locations, and will forward with analytical reports once ready. Review data and waste oil UST sample is labeled to have been collected at 5 ft bgs; otherwise results very good. Call Nat @ 12:30 to discuss WO UST sample; leave VM. Receive RC @ 12:45; he also noted this, will investigate with Blue, and if need be anticipates they can get sample next week. Stockpile results not back in; excavation is not backfilled to his knowledge; however, that is geotech's call due to stability concerns next door. He is also currently waiting on a discussion with Chevron in regards to sampling upper 2 ft of soil intended as backfill for pit (removed to accommodate 2 ft thick post-tension slab on grade foundation). He's also not sure of whose responsibility it is (Chevron or OHA).

Monday January 10, 2011

Receive VM from Nat @ 2:10 in response to an earlier can from myself; He's proposing to add on a few soil samples to meet the PCS reuse guidance methodology, but I'm concerned that there be sufficient samples to characterize the surface soils adequately. I'm wondering if they should be considered a separate onsite source, including TPHmo analysis. He will get total yardage to be reused onsite and we'll discuss further, before I commit.

In regards to the WO UST excavation they could not get down further, the total depth was limited by footing, which is very large and slopes toward site. The sample was collected closer to the wall, so have limited the lateral extent, but not the vertical (limited by footing).

Tuesday January 11, 2011

Receive VM from Nat Lee of CRA @ 936; pre-construction meeting @ 1pm, but they are heading to site to collect surface soil samples (top 2 ft) already; a quick change from yesterday for them.

Return VM @ 10:30; confirm my initial thinking that surface soil should be considered a second source and should be separately characterized from debris pit backfill soil. He was heading that way also; will collect 8 samples to fit PCS Guidance protocols. Ask he include TPHmo and Pb, and also collect 5 LUFT metals from hot spot sample. He'll do so as will be disposing at a landfill and they will require some as well. Good a confluence of needs!

January 14, 2011

Receive VM from Nat @ 1108; second debris pit near other UST excavations; more coming

January 17, 2011

Receive VM from Nat, it's less than they thought; test pit is mostly near surface, but stockpile on top now, so can't really get to.

January 18, 2011

Call Nate @ 130; test dig indicates 5 x 5 x 2, but stockpile still present; expected to remove this week. Will see if any bigger, agrees will sample to cover basis and future second guessing; will call when know more.

May 27, 2011

Onsite to oversee soil excavation of waste oil contamination found on May 3. Onsite about 8 am, with understanding that excavation would be started at that time; however, were just removing stockpile from May 3, and began excavating around 9:15. Excavation proceeded, cleaned up north wall, stringers of contamination required chasing towards west in several areas. South wall cleaned up fairly readily, but with some stringers, bottom appeared to be around 12 feet as guesstimated by Nat Lee of CRA based on last excavation of WO UST just to west of this. Contamination is surmised to be related to gravity line from station building to waste oil UST; however, this work also suggest that the leak exploited the old clay pipe sewer line buried at a depth of approx 2 ft bgs. Photos were taken. Work took longer than most had estimated due to stringer chasing, and size was probably a bit larger than most were thinking also. Samples collected on all walls; however, on both the west and east walls two samples were taken as some limited staining was required to be left in place due to newly installed elevator shafts on east (to 65 ft), and due to pea gravel used to backfill the waste oil UST excavation; did not want it to blow out into new excavation. Blue staining that remained appeared to be very limited in depth as we were able to observe it in several dimensions, and not on a single wall surface (upper sample depth with staining in both situations, lower judged "clean"). One bottom sample was collected as representative. Time will tell.

June 10, 2011

Onsite @ 8:05 AM to oversee removal of last bit of impacted soil related to recently discovered waste oil contamination. Visqueen sheet inserted vertically on western sidewall of May 27th excavation, extended above grade for easy visibility; centerline of projection staked on east edge; area of elevator shaft excavation located; UST debris pit excavation located on side of building to south. It appears there is about 3 – 4 ft between May 27th excavation terminus and edge of debris pit excavation, so very limited area remaining. Used backhoe, excavated to 10 ft bgs, impacted soil began at approx 7 ft bgs, consistent with finger remaining in sidewall on May 27th. Requested bottom sample and eastern sidewall at approx 7 ft bgs; no odor in hand sample; requested standard WO testing. Discussion on whether to backfill today or wait for results, based on field indications, and results from last time on those same field indications, my judgment is OK to proceed, but will leave final call in contractor's / OHA's hands. Same crew as last time (two from CRA, one from Fugro, Shad Small arrives @ 8:30 – 8:45).