APPENDIX B

Daily Field Reports

Phase II RA

April 23 through June 13, 2024

PRE-OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #0 Date: April 23, 2024 Pre-Offsite RA – Site-wide

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the Pre-Offsite Removal Action activities performed at the JH Baxter Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Partly Cloudy – 50s
PM: Sunny – 70s

Project Staffing

Contractors: GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adriana, Shane)
PPR Inc. (Tanner)
Advanced Tree Service and Landscaping

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ - Oversight
- Rexius – (Josh, crew)
- Public utility locates

Safety

Topics covered:

- Appropriate PPE
- Traffic control
- Direct inquiries to DEQ
- ESCP requirements
- Daily workplan

Activities Performed

0800 – GSI staff (Julian) onsite. Sarah (DEQ), Brett/Adriana (3 Kings) onsite. GSI/DEQ/3 Kings discussed scope of pre-RA activities to be performed during the day. 3 Kings indicated that the surveyor was not available for 4/23 but they would have someone onsite to perform a pre-construction survey later in the week.

0815 – PPR Inc. (Plumbing contractor - Tanner) onsite to scope property sewer lines and mark approximate utility locations/depths. PPR Inc. to record video of sewer lateral connections and mark pipe locations/depths approximately every 6 – 10 feet for contractors to reference.

The sewer pipe along the south side of [redacted] Baxter was marked at depths of approximately 24-inches to as shallow as 17-inches in areas requiring excavation depths of 12 and 18-inches. GSI discussed with 3 Kings and indicated additional care during earthwork will be needed to ensure utilities aren't damaged.

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0835 – 3 Kings/DEQ discussing planned RA activities with resident at [redacted] Baxter (Josh). Josh explained that shallow non-locatable PVC irrigation pipe could be expected in portions of both the front and back yards. Josh indicated that some sections of the pipe were capped and no longer in use, but pipe sections that were still being used for watering would need to be replaced if damaged during RA activities. 3 Kings to replace any damaged irrigation line to pre-construction conditions as needed.

[redacted] residents requested to change the backfill material in a portion of the greenhouse to a gravel surface underlain with geotextile demarcation fabric rather than the previously specified bare soil. GSI indicated this is likely not an issue and will discuss internally and with 3 Kings to ensure the change is implemented in accordance with project objectives.

Some minor puncture damage in the greenhouse tarp at [redacted] Baxter documented. [redacted] residents confirmed that soil from within the rabbitry had already been dug out (on tarps in back yard) and that this area would not need to be accessed during RA work. Josh indicated the door to the rabbitry could be closed as needed to facilitate contractor work around the structure, but that the door should generally remain open during the day to prevent the rabbitry from overheating.

0910 – Sewer pipe in front yard of [redacted] Baxter marked at approximately 28-inches deep.

0920 – GSI marked one in-ground tree and a rhubarb plant at [redacted] Baxter with marking tape to highlight that these plants are being saved and should not be disturbed if possible.

0925 – Advanced Tree Service and Landscaping onsite (Advanced Tree Service). 3 Kings asked if woodchips from stump grinding could be repurposed as clean material. GSI indicated that per scope memos, all grubbed woody debris would be disposed of as contaminated media.

0930 – GSI/DEQ observed metal shed and contents at [redacted] Baxter. Sarah indicated she would reach out to residents and have them set out any items that can be disposed of by Monday.

0945 – 3 Kings indicated they had hired a 3rd party security contractor to provide site security during RA activities rather than conduct the overnight security in house. Brett cut the lock that had been placed on porta potty in front yard of [redacted] Baxter and replaced it with a 3 Kings lock.

1005 – Shane (Superintendent – 3 Kings) onsite to assist with RA pre-construction activities.

1015 – GSI observed that the large redwood stump in the backyard of [redacted] Baxter only appeared to have been ground to approximately 6-inches below the mean ground surface for this area. GSI discussed stump grinding to the required excavation depths with 3 Kings. GSI suggested removing as much stump material as possible with the stump grinder to ensure any remaining wood/root debris could be taken out by excavators and or other tools. 3 Kings indicated they would have Advanced Tree Service return to the redwood stump and grind all stumps to the required excavation depth or maximum depth achievable by the equipment, which corresponds to approximately 18-20-inches below ground surface. 3 Kings began using hand tools to uncover the remainder of larger stumps to make it easier for Advanced Tree Service to re-access and continue stump grinding.

Resident from [redacted] Baxter indicated that she had placed the lock on the porta potty staged in the front yard of the property due to unauthorized use by others. 3 Kings to provide a replacement lock to the residents.

1100 – GSI documented pre-construction conditions of already damaged and/or significantly compromised sections of fence at [redacted] Baxter property boundary. DEQ offsite.

1105 – 3 Kings used hand tools to remove fence section along boundary of [redacted] and [redacted] Baxter to provide access to stump grinder. Advanced Tree Service to remove as much material as possible at stump locations immediately adjacent to the existing fence lines at these properties and 3 Kings to follow up with a mini excavator/hand tools during RA to protect the integrity of the fence.

1135 – GSI indicates to 3 Kings an additional tree stump needing removal at [redacted] Baxter. After some discussion, 3 Kings elected to remove this stump during RA with an excavator or other equipment to avoid providing access to stump grinder.

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1235 – Rexius representatives onsite to meet with 3 Kings and discuss import material availability and logistics. 3 Kings to coordinate with Rexius on topsoil needs during RA.

1315 – Public utility locator onsite. Some sections of power utility line were marked in the backyard of [redacted] Baxter that will need to be considered by 3 Kings during earthwork.

1335 – GSI/3 Kings offsite.

Outstanding Issues or Concerns

- 3 Kings to have subcontractor perform pre-RA survey later in the week. GSI confirmed with 3 Kings that ROW extents should be marked during this survey.

Upcoming Planned Activities

- Site-wide RA activities to kick off on Monday, April 29th.

RA Pre-Construction Photographs

Photograph 1. Current porta potty staging at [redacted] Baxter. Photo taken facing southeast.



Photograph 2. Slight puncture damage observed in greenhouse at [redacted] Baxter. Photo taken facing north.



Photograph 3. Marked sewer location/depths at [redacted] Baxter. Photo taken facing north.



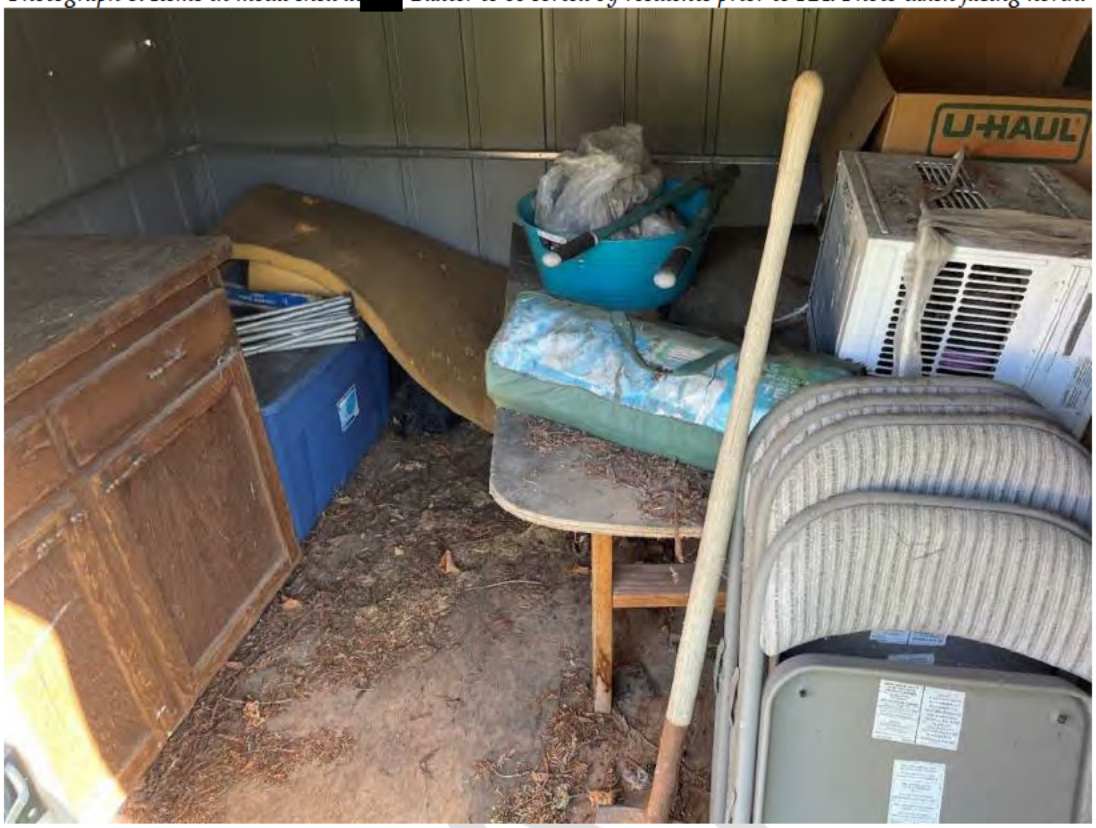
Photograph 4. Rhubarb plant at [redacted] Baxter to be saved if possible. Photo taken facing northwest.



Photograph 5. Large Redwood stump pre grinding at [redacted] Baxter. Photo taken facing west.



Photograph 6. Items in metal shed at [redacted] Baxter to be sorted by residents prior to RA. Photo taken facing north.



Photograph 7. Marked utilities at [redacted] Baxter. Photo taken facing northwest.



Photograph 8. Mulch clearing after first round of stump grinding to achieve excavation depth. Photo taken facing west.



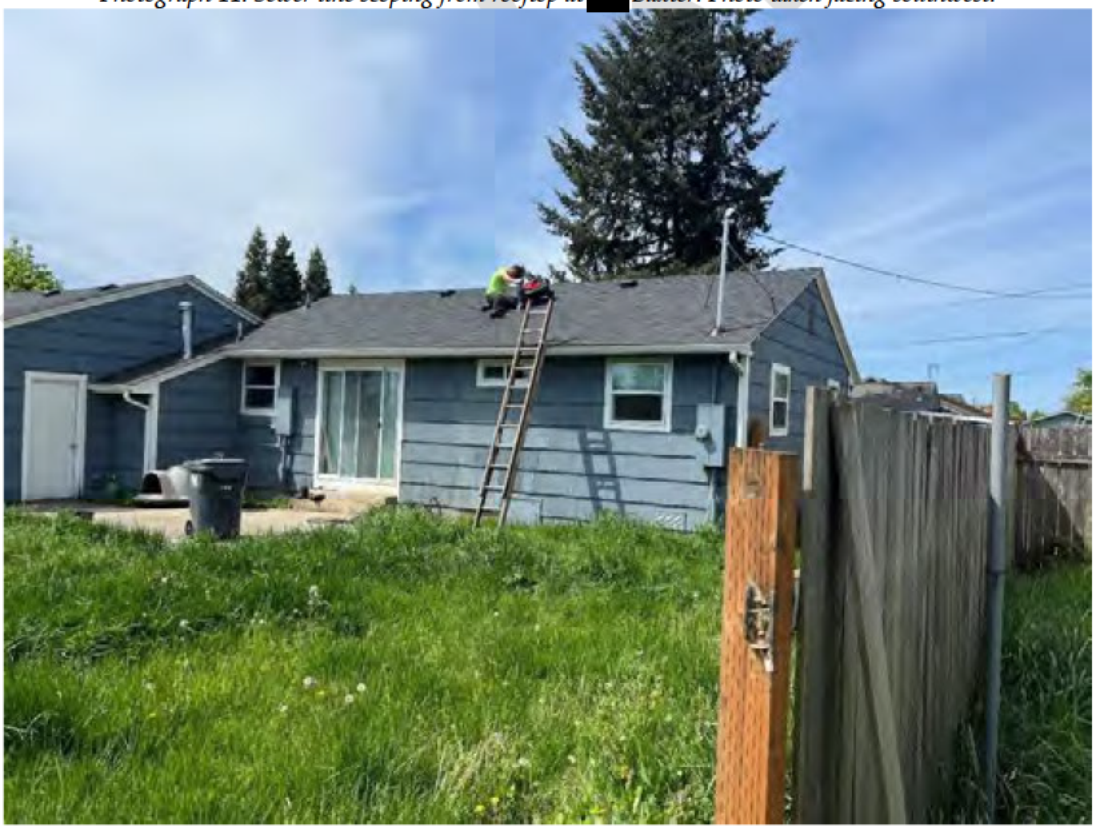
Photograph 9. Damaged and/or compromised section of fence at [redacted] Baxter. Photo taken facing northeast.



Photograph 10. Stump grinding along fenceline in SE corner of [redacted] Baxter. Photo taken facing south.



Photograph 11. Sewer line scoping from rooftop at [redacted] Baxter. Photo taken facing southwest.



Photograph 12. Stump remnants at SE corner of [redacted] Baxter. Photo taken facing south.



Photograph 13. Stump grinding at [redacted] Baxter. Photo taken facing southwest.



Photograph 14. Power line marked at [redacted] Baxter. Photo taken facing south.



Photograph 15. Power line marked at [redacted] Baxter. Photo taken facing east.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #1 Date: April 29, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Cloudy/Rainy – 40s
PM: Partly Cloudy – 50s

Project Staffing

Contractors: GSI Water Solutions (Julian Peter, Chris Martin)
3 Kings (Brett, Adriana, Shane, crew)
Oregon Metro (1 crew)
Mid-State Industrial Service

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight
- NWFF - Scott

Tailgate

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0800 – GSI staff (Julian) onsite. Sarah (DEQ), Brett (3 Kings) onsite.

0810 – Adriana, additional 3 Kings crew onsite. GSI/DEQ/3 Kings discussed scope of work (SOW) for site-wide prep activities, specific plans at [redacted] Baxter and some outstanding action items. DEQ was unable to locate storage location for [redacted] Baxter trailer and asked if trailer could be stored in 3 Kings staging area delineated on traffic control plans. Brett to confirm if using this area is feasible. Shed materials from [redacted] Baxter were not removed as requested. Some items indicated as having sentimental value and care requested when handling. GSI to document item handling. SOW to include equipment delivery, EC BMP delivery, misc. prep activities, and some earthwork at [redacted] Baxter.

0900 – Scott (NWFF) onsite. NWFF onsite to coordinate sod/seeding work at AP-01 and SO-06 properties. NWFF also discussing contracting for fence repairs at AP-01 with 3 Kings. DEQ indicated that some excessive

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scouring/settling was occurring around the building drip lines due to broken gutters at AP-01 and that some additional topsoil and/or tilling prior to seed application may be required.

0930 – Chris M. (GSI) onsite. GSI marked estimated extents of right-of-way (ROW) at [redacted] Baxter based on site plans and old utility markings. Additional confirmation on ROW extents needed.

0945 –Resident onsite at [redacted] Baxter despite relocation agreement. Sarah discussed DEQ's relocation expectations with the resident and confirmed that shed contents could be stored in the property garage rather than 3 Kings job trailer. Items moved from shed to garage for storage during RA. Items transferred from the shed to garage included: 4X folding chairs, Kenmore AC unit, camp chair, 3X tents, windshield reflector, plastic stand, loppers, blue tub full of misc., wood table, foam mattress, cardboard/foam mats, dictionary, wood shavings, remote, blue tub, additional camp bags, wooden dresser.

1030 – 3 Kings safety meeting. Discussed PPE, traffic control, jobsite security, project optics, contaminated material handling, 1st week anticipated scope.

1130 – 3 Kings moving boulders and concrete landscape blocks from [redacted] Baxter front yard and placing aside for storage per request by residents.

1150 – EC BMPs delivered to site.

1215 – 3 Kings begins disassembling deck in north portion of [redacted] Baxter backyard to provide access for soil removal. Side yard gate and fence at [redacted] Baxter also removed to provide equipment access to backyard. 3 Kings unsure how to approach excavation around ADU AC unit in the backyard of [redacted] that was supported by makeshift wooden support. GSI confirmed that DEQ would like to attempt to remove material as specified in scope around this area and 3 Kings to move wooden support as needed to accommodate excavation here while maintaining support of unit.

GSI/3 Kings discussed excavations around power infrastructure behind backyard of ADU at [redacted] Baxter. GSI indicated use of hand tools may be required to remove material in tight locations and confirmed 12-inch offset with 1:1 sloping to depth along pier blocks.

1245 – 3 Kings lunch break.

1315 – 3 Kings pointed out some existing damaged apparent communication lines visible at power pole in backyard of [redacted] Baxter. The lines appeared snipped/abandoned exact purpose of the lines was unknown. 3 Kings to work carefully by hand around these to avoid any further damage to lines in the area. GSI observed that portion of excavation along pier blocks behind ADU had been cut at vertical to depth rather than sloped at 1:1 from the 12-inch bench. GSI indicated to 3 Kings crew that continued excavations in this area should follow specified excavation details previously provided.

1530 – GSI collected a couple test air readings with TSI DustTrak II Aerosol monitor. One reading collected at property line of [redacted] Baxter (upwind) and another collected from ambient air in the backyard of [redacted] Baxter adjacent to ongoing excavations. Both locations exhibited background ambient air conditions with all parameters reading between 0.000 and 0.005 mg/m3. Due to wet soil conditions, no visible dust observed during earthwork activities.

1555 – DEQ confirmed that bikes/tub with miscellaneous items at [redacted] Baxter were OK to dispose of with other waste.

1605 – GSI observed that additional sections of excavation along pier blocks had not been sloped at 1:1 from the 12-inch bench as previously discussed and shown in provided excavation details. Additionally, a portion of the excavation had been cut closer than 12-inches to a pier block located in the northwest corner of the ADU. GSI reiterated to 3 Kings crew that excavation along the remainder of ADU (west side) should follow specified excavation detail for this area.

1615 – 3 Kings unsure how to approach removing significant portion of hazel trunk/roots observed growing through fence at north boundary of [redacted] Baxter. GSI confirmed that it was OK to cut out as much of the root system as possible on the [redacted] Baxter property side due to low risk of fatally damaging this tree species. 3 Kings to use combination of excavator and hand tools to remove as much as possible and try to maintain fence integrity.

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1630 – 3 Kings installing construction signage indicating authorized access only at [redacted] Baxter and wrapping up site activities. Oregon Metro (3rd party security contractor) onsite. Brett indicated security would generally work in two shifts (6 pm to 12 am and 12 am to 6 am) and perform hourly site walks of the 5 properties.

1640 – Mid- State Industrial Service onsite to perform daily street sweeping.

1700 – 3 Kings offsite. GSI offsite.

Outstanding Issues or Concerns

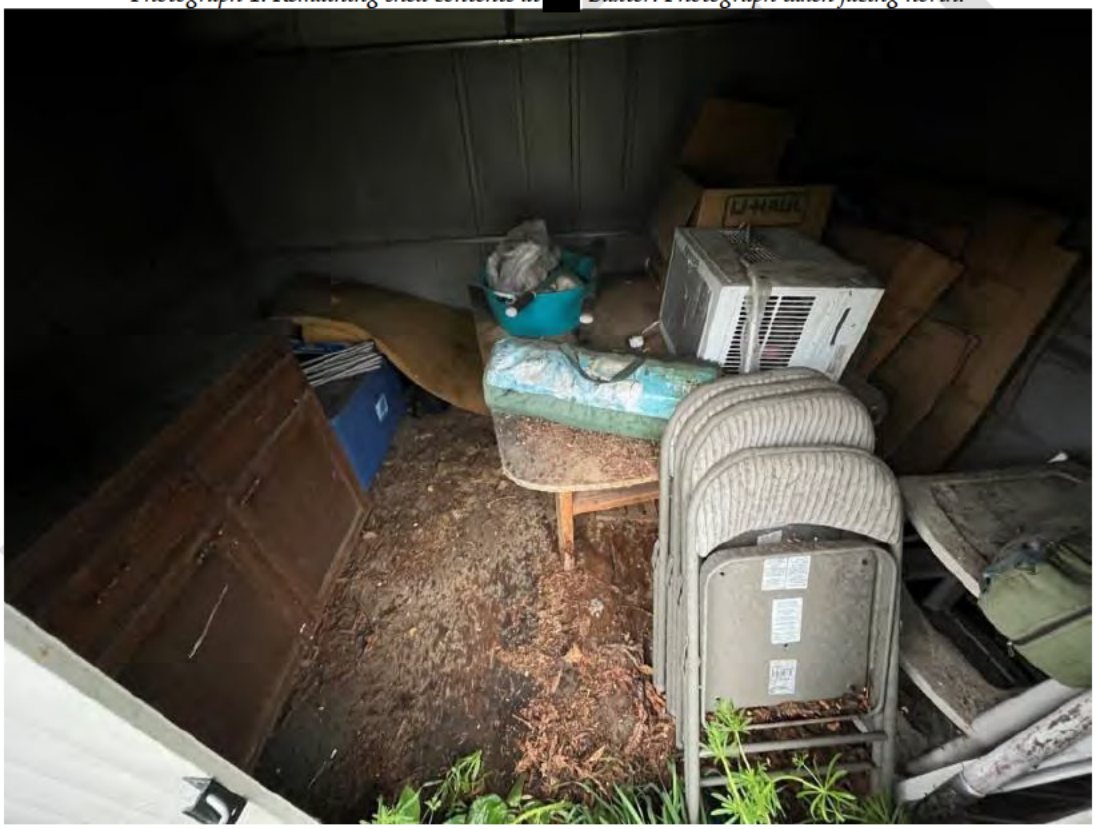
- [redacted] Trailer Storage location to be confirmed.
- Confirmation on ROW extents needed.

Upcoming Planned Activities

- DU-09: continue soil removal per RA specs.
- DU-10: site prep and possible soil removal start.
- Site-wide prep activities.

RA Day 1 Photographs

Photograph 1. Remaining shed contents at [redacted] Baxter. Photograph taken facing north.



Photograph 2. AC unit and makeshift wood support at [redacted] Baxter. Photo taken facing northeast.



Photograph 3. Shed contents moved to garage at [redacted] Baxter. Photo taken facing north.



Photograph 4. Miscellaneous items on porch at [redacted] Baxter. Photo taken facing northwest.



Photograph 5. Boulders to be saved at request of [redacted] Baxter residents. Photo taken facing south.



Photograph 6. Pergola moved and to be saved at [redacted] Baxter. Photo taken facing northwest.



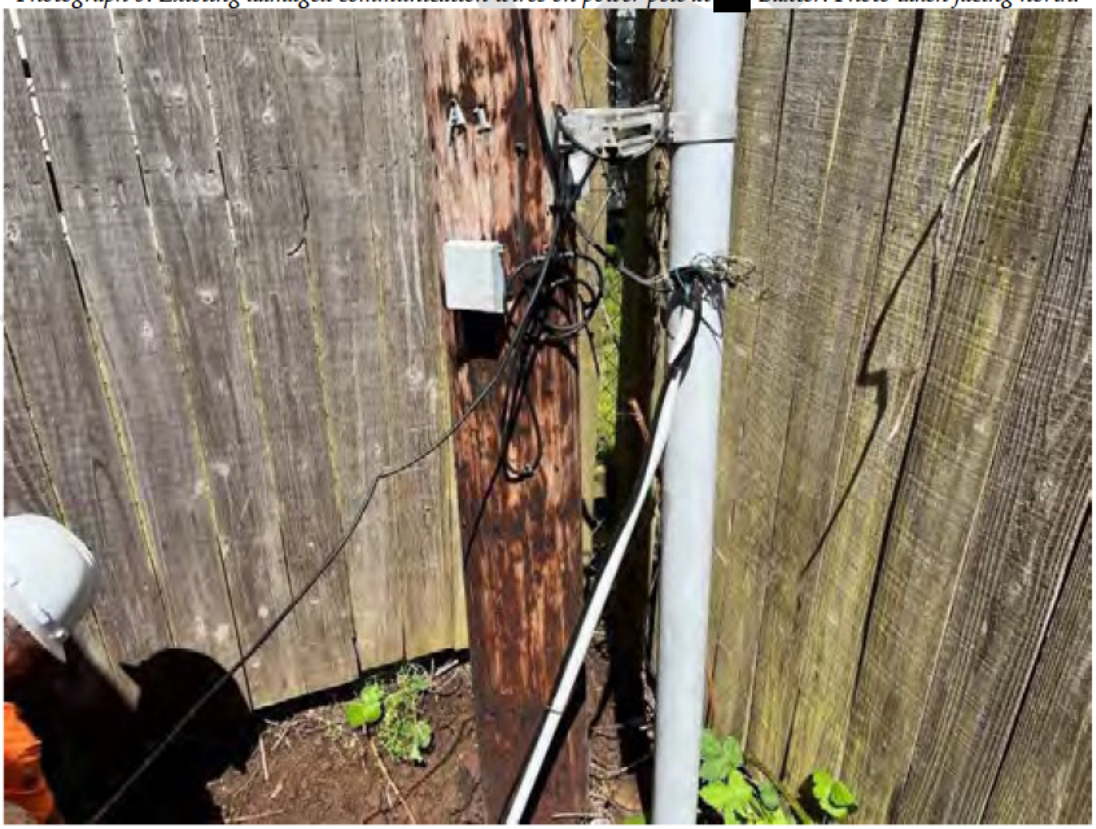
Photograph 7. Side gate and fence removed to proved equipment access at [redacted] Baxter.



Photograph 8. Demolition and removal of shed at [redacted] Baxter. Photo taken facing east.



Photograph 9. Existing damaged communication wires on power pole at [redacted] Baxter. Photo taken facing north.



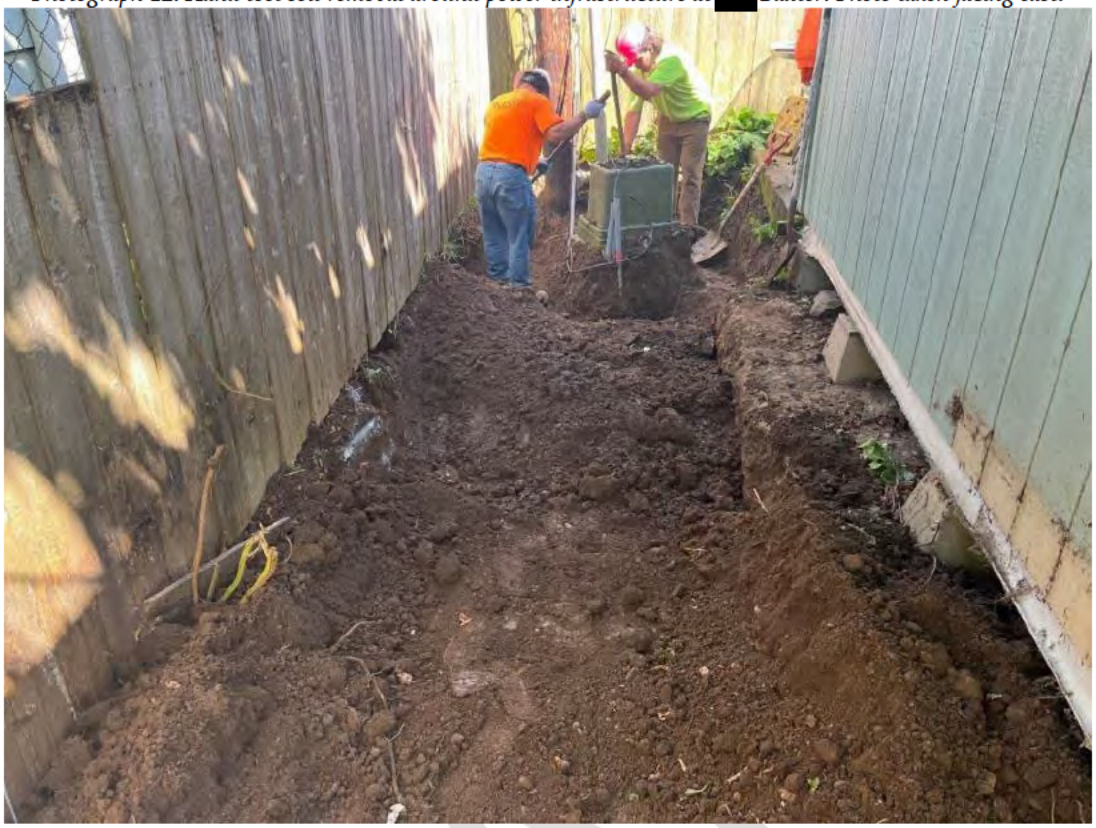
Photograph 10. Excavation and hand tool digging at [redacted] Baxter. Photo taken facing west.



Photograph 11. Manual excavation depth field truthing (18-inches) at [redacted] Baxter. Photo taken facing northeast.



Photograph 12. Hand tool soil removal around power infrastructure at [redacted] Baxter. Photo taken facing east.



Photograph 13. Manual excavation depth field truthing (18-inches) at [redacted] Baxter. Photo taken facing east.



Photograph 14. Manual excavation depth field truthing (18-inches) at [redacted] Baxter. Excavation from 12-inch bench offset from pier blocks performed with vertical cut to grade instead of specified 1:1 in this area. Photo taken facing southwest.



Photograph 15. Example DustRak air monitor output. Reading collected adjacent to excavation activities at [redacted] Baxter. Photo taken facing northeast.



Photograph 16. Excavation in northern portion of [redacted] Baxter. Excavation from 12-inch bench offset from pier blocks performed with vertical cut to grade instead of specified 1:1 in this area, and a portion of the excavation sidewall cut within 12 inches of block at west corner of ADU. Photo taken facing southwest.



Photograph 17. Hand tool work to flush soil removal to fence line. Photo taken facing northeast.



Photograph 18. Hazel trunk/rootball growing into property at [redacted] Baxter. Photo taken facing northwest.



Photograph 19. Existing damage observed at eastern portion of [redacted] Baxter garage. Photo taken facing north.



Photograph 20. Construction signage installed at [redacted] Baxter side yard. Photo taken facing north.



Photograph 21. Daily street sweeping at Baxter street and offsite properties. Photo taken facing south.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #2 Date: April 30, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Cloudy – 40s
PM: Partly Cloudy – 50s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adriana, Shane, 4 crew)
Mid-State Industrial Service
Rexius
Home Comfort (HVAC – Cory)

Site Visitors

Organization and Name:

- Don Hanson – DEQ - Oversight
- Sarah Eagle – DEQ – Oversight

Tailgate

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0730 – GSI staff (Julian) onsite. Daily tailgate with 3 Kings crew. Discussed general site safety, PPE, traffic control, site security, primary objectives for day. Additional excavator and other earthwork equipment being delivered.

0845 – GSI/3 Kings discussed roof drain pipe running along foundation of [redacted] Baxter. Roof drain appeared to run along both west and north sides of building in earthwork areas. Pipe depth relative to existing grade varied but bottom of pipe generally appeared to be around 6-inches below ground surface. Bottom of building footing appeared to be at 12-inches below ground at locations checked. GSI suggested removing material to bottom of drain pipe using hand tools or low impact methods (6-inches below ground surface), then grading 12-inch bench offset from foundation and sloping 1:1 cut to bottom of excavation (18-inches).

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This is in concurrence with the specification in the Remedial Action Work Plan. 3 Kings concurred with approach and may remove pipe sections/reinstall if necessary.

3 Kings unable to effectively drive past HVAC unit along west side of [redacted] Baxter with skid steer hauling soil near ground level. 3 Kings to wrap HVAC unit in plastic sheeting to prevent material deposition within unit and use caution when lifting loads over unit area.

0850 – GSI indicated to 3 Kings to additional signage highlighting construction work at the entrance to private drive along [redacted] Baxter would be prudent. GSI indicated that DEQ would also like to see additional signage installed as part of TCP and would like changes marked up in plan prior to sending to the City of Eugene.

0900 – GSI confirmed 3 Kings will grade at 1:1 from 12-inch offset from pier blocks along western side of ADU at [redacted] Baxter. 3 Kings using skid steer to transfer soil from [redacted] Baxter backyard to front yard staging area.

0915 – 3 Kings having difficulty effectively operating equipment for soil removal along [redacted] Baxter west side yard due to limited access from HVAC unit. GSI/DEQ discussed to determine possible course of action. Sarah (DEQ) to talk to residents of [redacted] to confirm if it would be OK to disconnect HVAC unit for RA activities. Brett indicated 3 Kings would cover HVAC unit removal and connection/any associated servicing costs incurred.

0930 – 3 Kings using mini excavator to start earthwork in portions of [redacted] Baxter backyard.

0950 – GSI indicated to 3 Kings that they could remove additional soil to vertical cut along non-load bearing slab in backyard of [redacted] Baxter. 1:1 grading from load bearing slabs and foundations still required.

1010 – 1 truckload offsite to landfill.

1100 – GSI/3 Kings discuss foundation for apparent add-on on western side of [redacted] Baxter. Foundation appears to be slab pour extending to 5-6 inches below grade at the location checked (depth likely varies). Some cracks to existing slab observed. Apparent former doorway and additional concrete for former steps visible on south side of add-on. A portion of the slab appeared to be bridged with wood support as well. GSI suggested that 3 Kings excavate first pass at 1:1 grade from 6-inch offset along the add-on and anticipate additional soil removal after additional GSI discussion internally.

1125 – Rexius onsite to discuss material importing with 3 Kings. 3 Kings removing fence section at south end of [redacted] Baxter.

1200 – Don (DEQ) onsite. GSI/DEQ site walk to discuss earthwork progress. GSI/DEQ observed HVAC unit and damage to supporting Styrofoam pad caused by skid steer during soil transferring from backyard to front yard of [redacted] Baxter. 3 Kings indicated they could not effectively remove soil from the back of the property without possibly causing further damage to the pad or the unit and reiterated they would like to remove it. Brett confirmed 3 Kings would absorb costs associated with HVAC contractor removal, connection, and/or servicing since anticipated costs only amount to a few hundred dollars. GSI indicated DEQ/GSI would discuss in meeting and the DEQ working to confirm if this would be approved by residents.

1230 – GSI Teams meeting with DEQ to check in on Baxter RA project. Meeting items discussed:

- DEQ received email approval for HVAC work from one of the residents at [redacted] Baxter (approved on behalf of Tahnee). Sarah to send access agreement and email approval from resident to HVAC contractor to facilitate start work requirement.
- DEQ reiterated that they would like to see 3 Kings install traffic control signage and revise TCP accordingly. GSI to discuss with Brett.
- DEQ does want some oversight/documentation of upcoming landscaping activities at AP-01 /SO-06. GSI to document time working on this but bill site time to current project phase.
- GSI to confirm backfilling plans at [redacted] Baxter, particularly behind ADU, and possibly recommend some additional compaction in area where 3 Kings excavated within 12-inches from pier blocks.
- DEQ would like some documented opinions or written assessment from HVAC contractor regarding status of unit prior to handling.

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- Sarah would like to confirm if security was planned to be onsite over the weekend or just Mon – Fri. GSI to confirm security status with 3 Kings.

1300 – HVAC contractor arrived onsite during GSI/DEQ meeting. Don spoke with HVAC contractor and informed him he was OK to move forward with unit removal work based on access approval.

1315 – Rexius (Jason) onsite to view [redacted] Baxter prior to landscaping. Jason indicated sod installation would start on Thursday 5/2 and likely be finished on Friday 5/3.

1330 – HVAC Contractor provided assessment of system status prior to removal:

- Contactor, capacitor, hard start mechanism appear to be going out which will affect operation
- System is need of a cleaning
- System is not set level – affects operation
- Copper line kinked and may not be functioning
- Broken valve on ref. line observed
- System is low on refrigerant
- Power line full of water when disconnected

Cory unable to enter building and confirm functionality of system prior to disconnection or shut off breaker to de-energize low power line running to system. He indicated he will need access when reconnecting to check if system works.

1415 – 3 Kings offsite to get traffic control signage requested. Brett indicated that Rexius was scheduled to start delivering soil tomorrow. 3 Kings would like to set up staging area at [redacted] Baxter and would also like to start delivering gravel, loam to have staged onsite. 3 Kings would like to access backyard of [redacted] Baxter to set up construction fence and allow tenant dogs to still use portion of yard. Brett indicated 3 Kings had received confirmation from Madeleine (tenant) that this would be allowable.

3 Kings informed GSI they had been held up at landfill due to incomplete paperwork for disposal and Brett had to go to landfill to sign (only one haul truck delivered load today). Disposal requirements were now cleared. Brett indicated they would preload one more truck to leave first thing in the morning and were planning for 7-8 total loads tomorrow.

3 Kings indicated street sweeping materials being added to contaminated piles slated for loading/disposal.

1430 – 3 Kings haul truck back onsite. Pre-loaded for haul to landfill next morning.

1445 – Discussed marking of ROW extents with 3 Kings. Subcontracted surveyors requested additional location to be able to mark the extents. GSI asked 3 Kings to see if additional info from public sources could be found to help delineate these areas.

1530 – Septic system encountered in backyard of [redacted] Baxter. System appeared intact with no visible damage or voids observed. GSI indicated that per addendum in RFB, the system could be assumed to be decommissioned properly unless observed otherwise. GSI/DEQ discussed – Don (DEQ) requested that contractors remove the lid from the system and confirm if it was backfilled. Don would like to handle any septic systems uncovered on a case-by-case basis with DEQ/GSI discussion regarding conditions observed. Based on DEQ request, 3 Kings removed lid and determined system had not been backfilled with inert material. GSI/DEQ/3 Kings discussed vac truck/backfilling requirements per RFB addendum. GSI provided contact info for septic contractor used at [redacted] Baxter.

3 Kings installing BMPs (silt fence, waddles, stockpile cover) at [redacted] Baxter.

1600 – 3 Kings confirmed septic contractor will be onsite May 2nd to clean out septic system prior to backfilling. 3 Kings calling street sweeper to return for second pass of cleanup along private drive and Baxter ROW.

1615 – 3 Kings continued to indicate they would like to access backyard of [redacted] Baxter to prepare staging area and install fence for tenant's dogs. 3 Kings to move haul truck from construction staging area to make room for [redacted] Baxter residents to move trailer to this area.

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1645 – 3 Kings confirmed street sweeper still coming back to properties to clean. 3 Kings requested that trailer from [redacted] Baxter be parked on other end of construction staging (near Alva Park end). GSI relayed this request to DEQ.

1700 – Security onsite. 3 Kings offsite. GSI offsite.

Outstanding Issues or Concerns

- Septic system encountered during excavation work at [redacted] Baxter.
- HVAC unit disconnected from [redacted] Baxter and will require reconnection
- HVAC pad damaged during earthwork and will require replacement

Upcoming Planned Activities

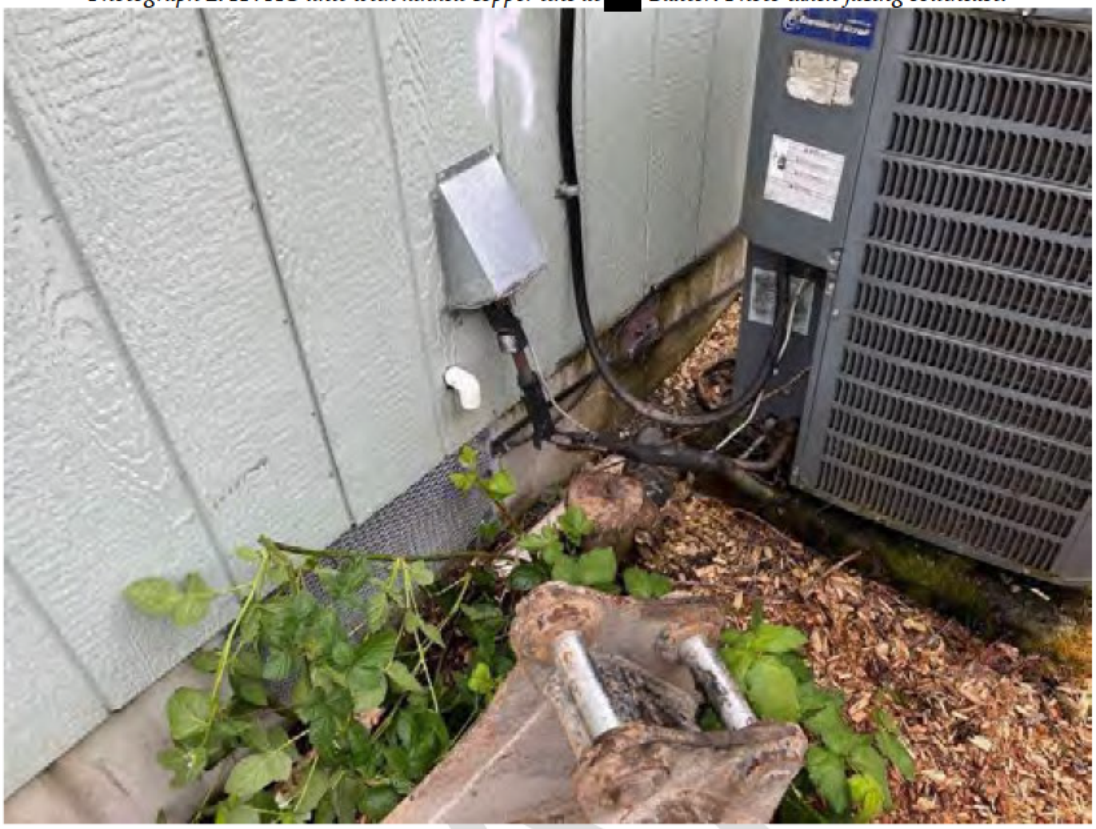
- DU-09: Continue RA activities, reinstall/test HVAC
- DU-10: Continue RA activities, decommission septic system
- Site-wide: traffic control signage, additional BMPs

RA Day 2 Photographs

Photograph 1. Excavation activities in backyard of [redacted] Baxter. Photo taken facing northeast.



Photograph 2. HVAC unit with kinked copper line at [redacted] Baxter. Photo taken facing southeast.



Photograph 3. HVAC unit at [redacted] Baxter covered to prevent soil spillage into unit during RA. Photo taken facing south.



Photograph 4. 1:1 sloped excavations from 12-inch bench adjoining ADU pier blocks. Photo taken facing north.



Photograph 5. Excavation under covered storage area at [redacted] Baxter. Photo taken facing south.



Photograph 6. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing west.



Photograph 7. Soil transfer from backyard of [redacted] Baxter with skid steer. Photo taken facing south.



Photograph 8. Repositioned makeshift wooden support beam for ADU AC unit. Photo taken facing west.



Photograph 9. Covered haul truck prior to off haul to landfill. Photo taken facing east.



Photograph 10. Straw waddle installed to contain vehicle trackout at [redacted] Baxter. Photo taken facing east.



Photograph 11. RA activities at [redacted] Baxter. Photo taken facing northeast.



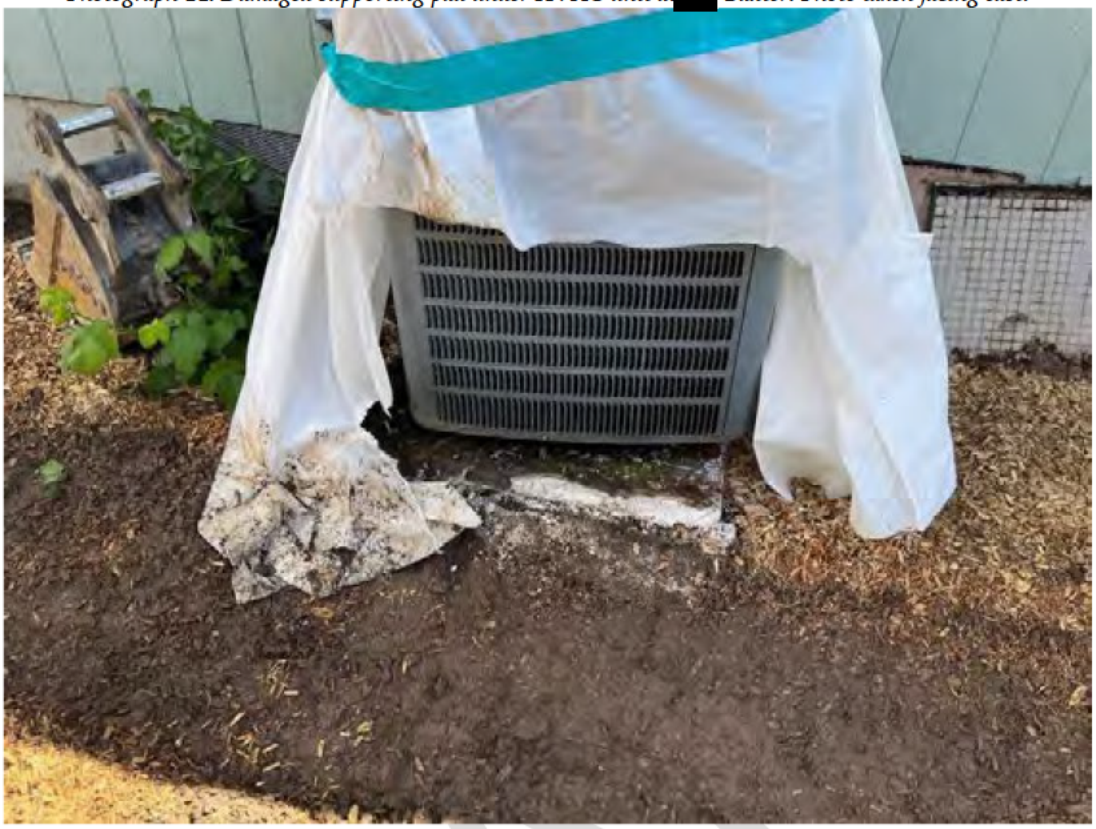
Photograph 12. [redacted] Baxter slab depth check with hand tools and existing crack in concrete. Photo taken facing north.



Photograph 13. Roof drain pipe and 1:1 sloped excavations along [redacted] Baxter foundation. Photo taken facing southwest.



Photograph 14. Damaged supporting pad under HVAC unit at [redacted] Baxter. Photo taken facing east.



Photograph 15. Additional straw waddle installed along [redacted] Baxter to prevent offsite soil migration. Photo installed looking east.



Photograph 16. HVAC unit at [redacted] Baxter being removed. Photo taken facing east.



Photograph 17. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing east.



Photograph 18. HVAC unit from [redacted] Baxter temporarily placed in front of garage. Photo taken facing north.



Photograph 19. Street sweeper placing swept debris on soil slated for landfill disposal. Photo taken facing west.



Photograph 20. Excavation progress at [redacted] Baxter. Photo taken facing northwest.



Photograph 21. Septic system uncovered at [redacted] Baxter. Photo taken facing north.



Photograph 22. Traffic control signage installed near work zone. Photo taken facing west.



Photograph 23. Traffice control signage installed near work zone. Photograph taken facing south.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #3 Date: May 1, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Partly Cloudy/Showers – 40s
PM: Partly Cloudy/Showers – 50s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adriana, Shane, 4 crew)
Mid-State Industrial Service
Rexius
Spade Tree Preservation (Cory)

Site Visitors

Organization and Name:

- Don Hanson– DEQ - Oversight

Safety/Tailgate

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0730 – GSI staff (Julian) onsite. Don (DEQ), Brett (3 Kings) onsite. GSI/DEQ/3 Kings discussed importance of consulting with DEQ and letting them take the lead on communicating with tenants/residents and/or property owners regarding planned RA activities that are changes from initial agreed to plan. 3 Kings made aware to not move forward with plans to remove fence from [redacted] Baxter and use backyard as temporary staging area as residents not expecting these disruptions for a couple weeks.

3 Kings indicated they had scheduled 400 cubic yards of topsoil from Rexius to be delivered starting at 10 AM and requested to use part of [redacted] Baxter front yard for staging. Don to discuss with Sarah and attempt to contact owner regarding property use.

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3 Kings asked about placing mulch and/or plywood across Baxter ROW to use when shuttling soil from [redacted] Baxter to [redacted]. GSI indicated this would likely require additional discussion with City and additional erosion and sediment control measures and to hold off on placing any material in road.

Brett requested information regarding how to quantify bid items such as fence. GSI indicated to quantify as close as possible to units in RFB and track/charge appropriately. Brett indicated the subcontracted surveyor was originally unaware the job was prevailing wage and had to rebid pre-con work. GSI reminded 3 Kings to post BOLI signage – 3 Kings said signage onsite in job trailer.

DEQ requested plan for stockpile management from 3 Kings if material placed in front yard of [redacted] Baxter.

0800 – Cory with Spade Tree Preservation (Spade) onsite to offer guidance on critical root zone (CRZ) excavation methods for 3 Kings. Spade/3 Kings discussed preferred methods for soil removal around sensitive portions of trees, generally within the drip lines. Spade indicated that mulch was preferred method to use for temp covering of roots if necessary. Roots should be kept out of direct sunlight as much as possible. Hand tool and/or vac truck methods OK for soil removal – 3 Kings likely to rely mostly on hand tools for CRZ work. Spade indicated the douglas fir trees at [redacted] and [redacted] Baxter were likely slightly over buried and that backfilling to a lower finish elevation around the tree base would be beneficial to tree health. Spade OK with light excavator work into the CRZ zones until significant roots are observed – then switching to hand methods. Same principles apply to maple tree at [redacted] Baxter (no additional considerations). Cory indicated he could remove some hanging dead branches and low growing branches from [redacted] tree if desired. GSI to discuss internally. Spade suggested dedicated walking paths and to limit equipment near tree base in CRZs.

0815 – Two haul trucks to landfill.

0900 – Cory offsite (1 hour onsite) – scheduled for 1545 on May 2nd to observe CRZ excavations.

0915 – GSI/3 Kings discuss excavation along add-on at [redacted] Baxter. GSI recommended removing material to 6-inches or bottom of slab and then continuing with a 1:1 to full excavation depth along this area.

3 Kings hit apparent old septic drain line in backyard of [redacted] Baxter. GSI reiterated that live sewer line was shallow in this area and care should be taken when excavating. 3 Kings also hit buried cleanout that appeared to be connected to the current sewer line. 3 Kings marked location of cleanout to replace later. 3 Kings to continue with hand tools in this area.

0940 – Rexius (Chris – driver) onsite delivering topsoil. 3 Kings directed Rexius to place soil on plastic sheeting in front yard of [redacted] Baxter due to limited available space.

1010 – 3 Kings damaged straw waddle with equipment traffic and repairing BMPs.

1025 – GSI indicated that additional stump grinding may be required to hit required grades in back yard of [redacted] Baxter. 3 Kings to look into options including other stump grinding contractors, and cleaning wood with pressure wash and removing pieces with chainsaws then excavating additional soil.

DEQ/GSI rediscuss septic tank. GSI indicated decommissioning with constitute a change order for the vacuum truck task. Labor and backfill materials will be charged based on existing rates in accordance with the request for bids Addendum 1 scope. Don reiterated that DEQ would like to handle any encountered septic systems on a case-by-case basis and that septic at [redacted] Baxter should be decommissioned via vac truck and backfilling with gravel.

1048 – 3rd load of Rexius topsoil delivered to site.

1105 – 3 Kings indicated that all stump grinding contractors they reached out to were at least a week out. GSI indicated 3 Kings should continue to clean off wood and remove as much material to depth using hand tools etc. first then discuss how much wood may be left in place.

1115 – 2 truckloads offsite to landfill.

1120 – EPA onsite to observe site and meet with Don.

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1135 – GSI reiterated excavation specs along [redacted] Baxter foundation and indicated that grading should follow excavation detail as closely as possible.

1140 – 3 Kings uncovered possible section of asbestos-containing material (ACM) pipe during continue excavation activities around septic system in backyard of [redacted] Baxter. Possibly up to 7 linear feet of ACM pipe section running from historic septic system to current sewer pipe tie-in. 3 Kings consulting internally how to handle pipe. GSI indicated it was GSI/DEQ preference to not remove additional pipe and to leave section alone until consensus is reached on how to handle.

3 Kings informed GSI that NWFF had given them a separate subcontract agreement to complete fence repairs at AP-01.

1200 – GSI/3 Kings discussed approved clean fill sources for RA. 3 Kings asked if loam from Delta Sand and Gravel OK to use. GSI indicated approved clean fill loam sources were from Lane Forest Products or Rexius and only these should be used for backfilling below 6-inches at the properties. GSI reminded 3 Kings that topsoil from LFP was not approved for use. 3 Kings evaluating if they will use a trailer to store some topsoil due to limited site space.

1300 – GSI continued to help guide 3 Kings with footing excavations per detail drawings prepared for RA.

1330 – GSI collected spot check ambient air readings in the vicinity of earthwork and upwind from the project site. No visible indications of excessive dust observed during earthwork activities.

1345 – 2 haul trucks back onsite and being loaded for landfill.

1410 – 3 Kings began demolition of wooden shed not to be replaced in north side yard of [redacted] Baxter.

1445 – GSI asked 3 Kings if security could periodically check ESC BMPs over weekend due to forecasted wet weather. 3 Kings indicated this could be requested and that security would be notified to do so.

1500 – Sarah (DEQ) onsite. One haul truck onsite and loaded for landfill. DEQ indicated that [redacted] Baxter tenants are OK with using a portion of the front yard as a staging area for import soil. DEQ indicated that a site walk at 1300 on May 2 was confirmed with resident at [redacted] Alva Park for 3 Kings to observe and improve portion of fence found to be damaged and leaning during pre-construction site walks.

1550 – 3 Kings indicated they would need an AHERA Supervisor to come to site to sample potential ACM material and this would cost a minimum of $500. GSI/3 Kings to discuss and discuss with DEQ if State of Oregon or local regulations require AHERA Supervisor or sampling. DEQ to reach out to DEQ staff and/or Lane Regional Air Protection Agency (LRAPA) regarding asbestos handling regulations. GSI indicated it would be preferable to have DEQ concurrence that not further pipe removal or sampling is required.

3 Kings confirmed septic contractor scheduled for 6:30 AM on May 2 to vacuum out septic system.

1700 – Street sweeper onsite. DEQ/GSI discuss pavers and concrete slab at north side yard of [redacted] Baxter. GSI recommended leaving slab in place to avoid possible damage to foundation during removal attempts. Sarah (DEQ) to inquire with residents if they would like pavers adjacent to concrete slab removed or reinstalled.

1715 – DEQ/GSI discuss potential ACM pipe. DEQ indicated that less than 3 linear feet of pipe would constitute 'de-minimis' conditions and may not need permit for disposal. DEQ indicated 3 Kings should be familiar with appropriate handling and disposal methods.

1730 – GSI offsite.

Outstanding Issues or Concerns

- Septic system encountered during excavation work at [redacted] Baxter in need of decommissioning
- HVAC unit disconnected from [redacted] Baxter on April 30 and will require reconnection
- HVAC pad damaged during earthwork and will require replacement
- ACM material disposal

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Upcoming Planned Activities

- DU-09: Septic contractor to vacuum out septic system at [redacted] Baxter, continued RA work, survey excavation extents, possibly begin import/placing of soil
- DU-10: continued RA work, survey portions of excavation extents

RA Day 3 Photographs

Photograph 1. Low hanging branches possibly needing removal at [redacted] Baxter. Photo taken facing west.



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Photograph 2. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing south.



Photograph 3. Excavation progress and remaining portion of redwood stump at [redacted] Baxter. Photo taken facing southeast.



Photograph 4. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing west.



Photograph 5. Loading and covering haul truck at [redacted] Baxter. Photo taken facing northeast.



Photograph 6. Rexius topsoil delivered and placed at [redacted] Baxter. Photo taken facing northwest.



Photograph 7. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facin west.



Photograph 8. Potential damaged ACM septic pipe at [redacted] Baxter. Photo taken facing south.



Photograph 9. Temporary fence supports installed at [redacted] Baxter. Photo taken facing west.



Photograph 10. Spot check air monitoring near RA activities at [redacted] Baxter. Photo taken facing south.



Photograph 11. Upwind air monitoring near site. Photo taken facing northeast.



Photograph 12. Soil loading and air spot check at ROW downwind from [redacted] Baxter. Photo taken facing west.



Photograph 13. [redacted] Baxter excavations, septic system, and uncovered pipe including potential ACM. Photo taken facing northeast.



Photograph 14. Wooden shed demo at [redacted] Baxter. Photo taken facing northeast.



Photograph 15. Stump cleaning prior to additional hand tool excavation around stump at [redacted] Baxter. Photo taken facing west.



Photograph 16. Foundation excavation and exposed roof drain pipe at [redacted] Baxter. Photo taken facing south.



Photograph 17. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing west.



Photograph 18. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing east.



Photograph 19. Washed stump cut with chainsaw to facilitate additional removal at [redacted] Baxter. Photo taken facing southeast.



Photograph 20. Stump at [redacted] foundation and HVAC unit connection. Photo taken facing southeast.



Photograph 21. Concrete slab uncovered at [redacted] Baxter. Photo taken facing southeast.



Photograph 22. Covered Rexius soil stockpiles and waddle installed at [redacted] Baxter. Photo taken facing west.



Photograph 23. Private drive along [redacted] through [redacted] Baxter post sweeping. Photo taken facing west.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #4 Date: May 02, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions:
AM: Partly Cloudy/Showers – 50s
PM: Partly Cloudy/Showers – 60s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter, Chris Martin)
3 Kings (Brett, Adrianna, Shane, 4 crew)
Mid-State Industrial Service
Best Septic
Rexius
Minister & Glaeser, Inc.

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight
- Don Hanson – DEQ – Oversight
- Scott (NWFF)

Safety

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0625 – GSI staff (Julian) onsite. 3 Kings crew onsite.

0630 – Best septic onsite with 2,000-gallon vacuum truck to remove contents from septic system. Noise during clean out of septic system appeared to be limited to work area and likely not a disruption of city noise ordinance requirements.

0645 – GSI reminded 3 Kings that construction signage at the entrance to the private drive along [redacted] to [redacted] Baxter had been agreed to. 3 Kings to install additional signage on flagging at drive entrance. GSI reminded of 3 Kings of BOLI signage requirements – 3 Kings said signage was in job trailer.

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3 Kings still unsure if surveyor could determine location of ROW along properties due to lack of information. 3 Kings indicated that company policy dictated potential ACM pipe handling and may prevent them from handling in accordance with DEQ email sent day prior suggesting section of pipe may constitute de-minimis conditions. 3 Kings to discuss further internally and leave pipe fragments set aside for now.

0700 – Daily safety tailgate meeting. GSI reiterated the importance of track out minimization and containment. GSI reminded 3 Kings that significant precipitation is forecasted for the next few days and that 3 Kings should be prepared to ensure BMPs are installed appropriately and any potential erosion/sediment control concerns are addressed prior to rainfall starting. GSI indicated completing [redacted] Baxter backyard should be prioritized due to residents returning from relocation the following day.

0715 – 3 Kings attempting to move pergola and other items from [redacted] Baxter to stage in portions of [redacted] Baxter yard/driveway. GSI requested 3 Kings place these items somewhere else at [redacted] and only use [redacted] Baxter front yard area for soil storage discussed with DEQ/tenants.

0730 – Chris M. (GSI) onsite.

0810 – 2X soil loads offsite to landfill. Tarp on 1 haul truck attempting to leave not working. GSI asked 3 Kings to cover load manually before allowing haul truck to leave site.

GSI asked 3 Kings to install inlet protection at catch basins on Baxter after observing them unprotected as this had not been completed as 3 Kings said it was.

0835 – 3 Kings installed manual tarp covering on haul truck. DEQ confirmed that residents at [redacted] Baxter wanted pavers in north side yard (at the back door) reinstalled after RA activities. GSI relayed this request to 3 Kings.

0855 – GSI/DEQ/3 Kings discuss preference for handling potential ACM pipe as de-minimis and leaving any remaining sections in-ground with surveyed location. Adrianna to confirm if 3 Kings policy will allow this approach.

DEQ indicated tha[redacted] Baxter residents would be returning the following morning and would require safe egress to the house. 3 Kings aware that some type of defined path will need to be provided for residents by end of day.

Scott (NWFF) onsite to observe sod installation at [redacted] Baxter.

0900 – DEQ/NWFF discussed AP-01 requests with Rexius. Rexius indicated they were having issues scheduling trucking for delivery of soil to property and would not be able to perform hydroseed application on Friday as intended. Rexius working to schedule trucking by next week and will keep NWFF/DEQ informed on scheduling.

0915 – 3 Kings installing boot wash stations as additional measure to limit track out from site. 1X haul truck loaded for landfill. GSI reiterated need for inlet protection installation along Baxter street.

0935 – Surveyor (Minister and Glaeser, Inc.) onsite to perform pre-restoring/excavation depth confirmation survey of [redacted] Baxter and portions of [redacted] Baxter. Surveyor to indicate any areas requiring additional grading on topo maps for 3 Kings to reference.

0940 – DEQ to work on putting together access agreement for [redacted] Baxter to facilitate 3 Kings access for fence repairs.

1015 – GSI indicated to 3 Kings that DEQ requires that HVAC be reinstalled at [redacted] Baxter by end of day Friday to avoid potential additional relocation of residents. 3 Kings scheduled HVAC contractor for 12 to 2 PM on Friday, May 3 to connect system.

1045 – GSI confirmed that surveyor would be collecting points for extents of septic system at [redacted] Baxter. GSI requested surveyor also collect points for presumed location of possible ACM pipe.

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1125 – 1X load to landfill. GSI collected spot check ambient air measurements near excavation/truck loading and upwind from site. No significant airborne dust observed during earthwork activities.

1130 – 3 Kings indicated haul truck with broken tarp mechanism may not be returning – working on securing other haul truck. 3 Kings requesting to place import loam on backyard of [redacted] Baxter. GSI indicated this area was not yet to grade and still considered contaminated so plastic sheeting should be used, or another staging location selected.

1145 – Rexius onsite delivering loam. 3 Kings directed Rexius to place loam on front yard of [redacted] Baxter on plastic sheeting.

1230 – GSI observed that Rexius delivery truck had damaged a water line near the meter for [redacted] Baxter. GSI indicated this to 3 Kings who contacted EWEB and began attempting to identify/stop leak source.

Sarah (DEQ) delivered access agreement to [redacted] Baxter to sign.

1250 – Street sweeper onsite to clean private drive and portions of Baxter Street. 3 Kings able to identify apparent leak location on resident side of water meter and stop water. EWEB en route to site to document and assist with repair if necessary.

1305 – [redacted] Baxter tenant onsite and informed that water was temporarily shut off to house due to damaged line.

1320 – EWEB onsite. EWEB noted that damage was on resident side and that 3 Kings would need to complete repairs themselves and contact EWEB prior to 5 PM to have water turned back on to the house.

1324 – 1X truck loaded and offsite to landfill. 3 Kings asked if all portions of properties would require surveying prior to restoration. GSI indicated this would be required per contracting agreements.

1405 – 3 Kings continuing to repair water line at [redacted] Baxter.

1410 – Resident from [redacted] Baxter onsite briefly to grab something from house.

1415 – Resident from [redacted] Baxter offsite.

1450 – Due to 3 Kings falling behind schedule. GSI rescheduled arborist visit to observe and offer guidance on CRZ excavations. Arborist visit rescheduled to 3:45 PM on Monday, May 6.

1500 – Water line repaired and water restored to [redacted] Baxter.

1608 – Rexius offsite [redacted] Baxter. Appear to be finished with approximately half of the sod install.

1655 – 3 Kings installing BMPs. GSI/3 Kings discussed need for additional sediment control measures for the weekend due to forecasted precipitation.

1745 – Security onsite. 3 Kings indicated street sweeper was on the way. GSI remaining onsite to document sweeping activities due to track out left on private drive.

1850 – Street sweeper still not arrived. GSI notified 3 Kings and asked security to inform GSI/3 Kings if street sweeper arrives. GSI offsite.

2100 –Brett (3 Kings) onsite and notified GSI (offsite) that street sweeper was at site and completed street cleanup.

Outstanding Issues or Concerns

- Water line damaged at [redacted] Baxter. Repaired but due to planned excavation in this area the line is expected to be encountered again and may require replacing section from meter to residence.
- Septic system encountered during earthwork excavation at [redacted] in need of backfilling to complete decommissioning.
- HVAC unit disconnected from [redacted] Baxter on April 30 and will require reconnection

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- HVAC pad damaged during earthwork and will require replacement
- ACM material disposal

Upcoming Planned Activities

- DU-09: Touch-up excavations in areas identified as being slightly above required grade during survey. Additional excavation along side yard. Backfill placing per RA specs. HVAC unit reconnection and servicing if needed.
- DU-10: Continue RA activities including excavation in areas identified as being above grade during survey. Backfill placing if possible.

RA Day 4 Photographs

Photograph 1. Vacuum truck contractor cleaning out septic tank contents at [redacted] Baxter. Photo taken facing north.



Photograph 2. Rexius topsoil stockpiled at [redacted] Baxter. Photo taken facing north.



Photograph 3. Manual excavation depth field truthing at [redacted] Baxter south sideyard. Photo taken facing north.



Photograph 4. Additional excavation and stump removal at [redacted] Baxter. Photo taken facing west.



Photograph 5. Truck load covering at [redacted] Baxter. Photo taken facing northwest.



Photograph 6. Soil loading for transport along private drive for [redacted] Baxter. Photo taken facing west.



Photograph 7. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing west.



Photograph 8. Landscape edging prior to sod installation at [redacted] Baxter. Photo taken facing northwest.



Photograph 9. Surveyor onsite at [redacted] Baxter. Photo taken facing west.



Photograph 10. Septic tank at [redacted] Baxter surveyed. Photo taken facing north.



Photograph 11. Biobag BMPs installed at catch basins on Baxter. Photo taken facing southwest.



Photograph 12. Air monitoring spot check during earthwork/soil loading at [redacted] Baxter. Photot taken facing west.



Photograph 13. Upwind air monitoring spot check during earthwork activities. Photo taken facing east.



Photograph 14. Excavation progress at [redacted] Baxter. Photo taken facing east.



Photograph 15. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing south.



Photograph 16. Excavation progress in [redacted] Backyard north yard. Photo taken facing northeast.



Photograph 17. Rexius delivery resulting in damaged water line at [redacted] Baxter. Photo taken facing northeast.



Photograph 18. Screened loam delivered from Rexius. Photo taken facing east.



Photograph 19. Sod installation at [redacted] Baxter. Photo taken facing northeast.



Photograph 20. Damaged water line near water meter at [redacted] Baxter. Photo taken facing north.



Photograph 21. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing north.



Photograph 22. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing south.



Photograph 23.Excavaiton progress at [redacted] Baxter. Photo taken facing east.



Photograph 24. Repaired water line at [redacted] Baxter. Photo taken facing north.



Photograph 25. Pavers along north sideyard of [redacted] Baxter to be saved and reinstalled as is. Photo taken facing southeast.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #5 Date: May 03, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Partly Cloudy – 50s
PM: Cloudy/Rainy – 60s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 4 crew)
Mid-State Industrial Service
Rexius
Delta Sand and Gravel
Home Comfort (HVAC – Cory)

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight
- Don Hanson – DEQ - Oversight

Safety

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0700 – GSI (Julian) onsite. Sarah (DEQ), Brett (3 Kings) onsite. 3 Kings moving loam from staging in front yard of [redacted] to [redacted] Baxter. Daily safety meeting/tailgate:

- GSI continued to highlight the need for improved ESC BMPs installed and stressed that 3 Kings should be prepared for heavy rain the second half of the day. 3 Kings to implement additional measures and prepare site for weekend.
- GSI confirmed that 75 cubic yards of Rexius topsoil had been delivered so far.
- GSI/3 Kings confirmed tonnage numbers for loads hauled thus far. Approximately 212 tons of soil from [redacted] Baxter hauled to landfill with 2 truck tickets still outstanding. 3 Kings asked how to handle billing for debris disposal since they had comingled approximately 2 tons of demo related

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waste with soil. Julian deferred billing questions to Chris M. (GSI) and suggested 3 Kings continue to consult RFB line items for billing and follow as closely as possible.

- GSI reiterated that DU-09 should be prioritized due to residents returning and need for HVAC reinstall at this property. 3 Kings indicated ¾-inch minus from Delta was on the way for backfilling at the property.
- GSI requested 3 Kings hand sweep some limited areas of track out observed along Baxter street due to loam transporting.

0755 – 1X Load of Delta Sand and Gravel ¾-inch minus delivered to site.

0800 – Don (DEQ) onsite to observe RA progress.

0836 – 1X load offsite to landfill. [redacted] Residents arrived to site early and requested to return to their home. Don discussing with residents.

0845 – GSI temporarily had 3 Kings pause work to allow [redacted] residents to return to their home. 3 Kings installed security fence and caution tape along driveway and front porch of property.

0920 – GSI identified that 3 Kings was slightly over excavating material along south side yard of [redacted] Baxter and uncovering additional portions of current sewer line. Area over dug to a depth of approximately 21 inches. GSI asked 3 Kings to reset grade checks and only remove material to required depth of 18 inches.

0930 – 3 Kings indicated that additional loam from Rexius was ordered and should be delivered to the site soon. 3 Kings had 3 – 4 loads of loam scheduled for delivery. GSI stressed need for completing substantial portion of restoration activities at [redacted] Baxter today.

0945 – 3 Kings placing gravel backfill and compacting with hand tools/excavator bucket behind ADU at [redacted] Baxter.

1000 – Rexius onsite delivering additional loam. 3 Kings using loam and gravel to construct ramp from asphalt paving into [redacted] Baxter. 3 Kings indicated that surveyor noted that majority of [redacted] Baxter backyard was 1 – 2 inches above required grades and that additional excavation in this area would be performed.

1020 – GSI highlighted to 3 Kings importance of working carefully with either clean or contaminated material in close proximity and using additional plastic sheeting to prevent cross contamination. 3 Kings taking additional measures to prevent soil mixing and cross contamination while working in tight available footprint.

1110 – Don (DEQ) offsite. 3 Kings informed GSI that HVAC contractor rescheduled from 12 pm to 2 pm to allow more time for soil placing at [redacted] Baxter.

1130 – [redacted] Baxter resident took dog on walk. 3 Kings temporarily stopped equipment traffic along private drive to accommodate. 3 Kings removed fence post along north side of [redacted] Baxter to improve excavator access.

1145 – Additional Rexius load onsite. GSI performed spot check ambient air quality monitoring near excavation/loading work and upwind from the RA activities. No visible dust or impairments to air quality observed during earthwork activities due to generally wet conditions.

1155 – Pea gravel from Delta Sand and Gravel delivered to site for backfilling of septic system. 3 Kings indicated they had street sweeper scheduled for 2 PM to hopefully clean up majority of track out along private drive before anticipated precipitation.

1210 – GSI reiterated that approaching precipitation was a concern and that 3 Kings needed to ensure BMPs were installed accordingly to prepare for this. 3 Kings indicated crew was aware of prioritizing placing loam at 210 Baxter and installing BMPs in accordance with SWPPP.

Track on mini-excavator not functioning correctly – 3 Kings troubleshooting.

1230 – Julian/Chris M (GSI) check in regarding BMPs etc. 3 Kings aware of need for improve erosion/sediment control at site and working to install additional BMPs.

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1X load to offsite to landfill. 1X Rexius loam load onsite.

1400 – Street sweeper onsite. Precipitation falling at sufficient rate to begin observing sheet flow throughout area. Street sweeper passes causing some high turbidity water to migrate towards catch basins at south end of Baxter street. GSI indicated this to 3 Kings and reiterated the need for improved BMPs to prevent high turbidity water from discharging to drainage area to south of site. 3 Kings installing additional straw waddles along private drive/Baxter Row and additional biobag filters along Baxter to slow flow and promote sediment deposition, and filter fabric within catch basins to help trap sediment in stormwater.

1500 – Cory (Home Comfort - HVAC contractor) onsite. Home Comfort unable to perform HVAC reconnection due to backfill not yet placed in this area. 3 Kings to construct gravel pad in temporary box frame to elevation requested by Home Comfort. Home Comfort provided DEQ with estimate on full system replacement ($11,000 -$15,000) as a contingency measure. Home Comfort to return to site once supporting pad for placing unit constructed.

DEQ/GSI discussed unit reconnection with resident at [redacted] Baxter. Resident indicated that the unit had been fully replaced in 2018 (contractor – Priority One).

1600 – Street sweeper back onsite with vacuum assisted sweeper truck to perform additional cleaning passes along private drive and Baxter ROW.

1656 – 3 Kings staking waddles along south side of private drive in accordance with SWPPP specs. 3 Kings installing additional waddle around portions of 210 and 220 Baxter to limit offsite sediment migration.

1720 – 3 Kings completed constructing gravel pad for HVAC unit at [redacted] Baxter. Home Comfort back onsite to reinstall HVAC system.

1845 – Home Comfort completed HVAC reconnection and confirmed that HVAC unit appeared to functioning correctly for heating, cooling, and emergency cooling. Contractor accessed [redacted] Baxter residence to confirm operability.

1700 – GSI/DEQ/3 Kings offsite for weekend.

Outstanding Issues or Concerns

- Additional water line anticipated to be encountered during upcoming work at [redacted] Baxter. 3 Kings expecting to replace this section during RA activities.
- Extra care during backfilling of [redacted] Baxter will be required due to HVAC unit being reinstalled along access point in side yard.
- Significant precipitation forecasted to continue throughout weekend – additional BMPs installed to limit offsite sediment migration and potential stormwater impacts from site.
- ACM material disposal

Upcoming Planned Activities

- DU-09: Complete backfilling/restoration activities including planting if possible.
- DU-10: Continue excavation in portions of property, complete additional survey of excavation extents, begin backfill placing/restoration.

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RA Day 5 Photographs

Photograph 1. Supplemental excavation and grade checks post survey at [redacted] Baxter. Photo taken facing northeast.



Photograph 2. Walnut stump cut to pipe level at [redacted] Baxter near removed HVAC unit. Photo taken east.



Photograph 3. Demarcation fabric placed to delineate clean fill prior to gravel placement at [redacted] Baxter. Photo taken facing northwest.



Photograph 4. Manual excavtion depth field truthing at [redacted] Baxter. Photo taken facing east.



Photograph 5. Existing foundation crack observed along south side of [redacted] Baxter. Photo taken facing north.



Photograph 6. Continued sod placement at [redacted] Baxter. Photo taken facing northwest.



Photograph 7. Load covering prior to transport. Photo taken facing south.



Photograph 8. Gravel backfill placement at [redacted] Baxter. Photo taken facing west.



Photograph 9. Sod install nearly complete at [redacted] Baxter. Photo taken facing northeast.



Photograph 10. Screened loam import from Rexius for [redacted] Baxter backfill. Photo taken facing east.



Photograph 11. Backfill placement at [redacted] Baxter. Photo taken facing east.



Photograph 12. Excavation along north side yard of [redacted] Baxter. Photo taken facing northwest.



Photograph 13. Pea gravel from Delta Sand & Gravel for septic system at [redacted] Baxter. Photo taken facing north.



Photograph 14. Additional waddle installed along private drive due to significant trackout from RA activities. Photo taken facing west.



Photograph 15. [redacted] Baxter septic system backfilled with pea gravel. Photo taken facing south.



Photograph 16. Lid replaced on septic system at [redacted] Baxter. Photo taken facing west.



Photograph 17. High turbidity runoff due to street sweeper during precipitation at site. Photo taken facing southeast.



Photograph 18. Street sweeping to attempt to clean trackout from private drive. Photo taken facing west.



Photograph 19. Hand tools used to clean up excess soil/sediment buildup along private drive. Photo taken facing northwest.



Photograph 20. Shop vac, hand tools, and street sweeper used to clean up trackout out during precipitation at site. Photo taken facing northwest.



Photograph 21. Addtional biobags installed along Baxter street. Photo taken facing west.



Photograph 22. Second round of street sweeping with vacuum truck to remove soil buildup along private drive. Photo taken facing southeast.



Photograph 23. Filter fabric inlet protection with overflow slits installed in Baxter catch basins. Photo taken facing southwest.



Photograph 24. Addtional BMPs installed at site. Photo taken facing northwest.



Photograph 25. Addtional BMPs installed along Baxter street. Photo taken facing south.



Photograph 26. BMPs installed for weekend along private drive. Photo taken facing southwest.



Photograph 27. Wadde and biobags installed at [redacted] Baxter sideyard. Photo taken facing northwest.



Photograph 28. Private drive after additional street sweeping with BMPs isntalled. Photo taken facing east.



Photograph 29. Gravel pad installed for HVAC system reinstall at [redacted] Baxter. Photo taken facing northeast.



Photograph 30. Security fence and caution tape installed at [redacted] Baxter. Photo taken facing northeast.



Photogrpah 31. Private drive and BMPs installed. Photo taken west.



Photograph 32. [redacted] Baxter HVAC system reinstalled and tested to confirm operational. Photo taken facing south.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #6 Date: May 06, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Cloudy/Showers – 40s
PM: Partly Cloudy/Showers – 50s

Project Staffing

Contractors: GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 4 crew)
Rexius
Mid-State Industrial Service

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight
- Don Hanson – DEQ - Oversight

Safety

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0800 – GSI staff (Julian) onsite. Partial 3 Kings crew onsite setting up with additional crew on way on way to site. GSI/3 Kings discuss scope of planned work for week, safety, site control, BMPs, etc. GSI highlighted importance of finishing restoration activities at [redacted] Baxter ASAP. 3 Kings confirmed CRZ excavations with hand tool methods would be performed with arborist oversight today.

0830 – 3 Kings begins excavating along foundation in south side yard. 3 Kings pointed out a couple of existing cracks to foundation.

0855 – 1X haul truck onsite. 3 Kings using hand tools to remove soil from bottom of fence along [redacted] property line. 3 Kings comingled some pea gravel (approximately 1.5 cubic yards) with loam material being placed in front yard of [redacted] Baxter. GSI checked on AP-01 property after being informed by DEQ that Rexius would be delivering topsoil to property today. Rexius not onsite yet.

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0915 – Additional tailgate with full 3 Kings crew onsite. 3 Kings indicated loam from Rexius scheduled for delivery at 11 AM. GSI stressed importance of completing backfilling activities at [redacted]0 Baxter and scheduling surveyor for [redacted] Baxter to allow for immediate backfilling in excavated areas.

0930 – Sarah (DEQ) onsite. GSI/DEQ discussed overall RA progress. GSI indicated that resident relocation should be sticking to planned schedule unless 3 Kings encounters additional delays during the week. Sarah to work with Chris M (GSI) to deliver relocation checks to residents this week.

DEQ indicated that topsoil delivery for AP-01 was scheduled for the afternoon and that NWFF should be onsite to observe the placement. DEQ requested notice when material is delivered. DEQ said hydroseed application was anticipated for Thursday/Friday of this week and that 3 Kings would need to be prepared to fix fence at AP-01 prior to this occurring. NWFF to coordinate scheduling of fence repairs with 3 Kings.

0945 – DEQ offsite. GSI/3 Kings discuss CRZ excavations at [redacted] Baxter. GSI indicated that 3 Kings could continue carefully using excavator into drip line of douglas fir tree until significant roots are observed, as discussed previously with arborist. GSI informed 3 Kings about planned hydroseed application at AP-01 so 3 Kings could plan timing of fence repairs.

1055 – 1X haul truck offsite to landfill

1130 – ¾-inch minus gravel previously used for ramp at [redacted] Baxter placed along front side yard adjoining [redacted] Baxter.

1145 – Rexius delivering topsoil product to AP-01. GSI notified DEQ of delivery. Material being placed using blower truck to spread approximately 1.5- to 2-inch layer throughout yard. NWFF onsite observing application.

1230 – DEQ back onsite to observe material application at AP-01 and talk to residents.

1245 – GSI inquired with 3 Kings regarding status of loam delivery scheduled for 11 AM. 3 Kings indicated the loam product was on its way and should be onsite shortly.

DEQ informed GSI that material being placed to amend soil at AP-01 was Rexius 'Turf Start'. DEQ/GSI confirmed product suitability for RA use. DEQ confirmed with NWFF that Rexius is planning to till topsoil at AP-01 to mix in amendments prior to hydroseeding.

1330 – Rexius delivering first load of loam onsite. DEQ offsite.

1400 – 1X load offsite to landfill. Don (DEQ) onsite. 3 Kings delivering smaller skid steer to site to assist with loam transport to backyard of 210 Baxter.

1440 – 1X Rexius loam load onsite. 3 Kings prepping topsoil piles staged at [redacted] Baxter to begin transport/placement at [redacted] Baxter.

1505 – 3 Kings began transporting topsoil from stockpiles to backyard of [redacted] Baxter with skid steers.

1530 – DEQ informed GSI that amendment application at AP-01 was completed. DEQ offsite.

1535 – 1X Rexius loam load onsite. 3 Kings troubleshooting track issue on mini-excavator.

1545 – Cory (Spade Tree Preservation) onsite. Cory and 3 Kings discuss proposed hand tool methods in immediate vicinity of tree, carefully excavating portions of CRZ until roots are observed with mini-excavator, and properly cutting any damaged roots caused by RA activities. 3 Kings planning to excavate in defined sections around tree and quickly backfill with topsoil. Cory suggested only backfilling 0.5 to 1 inch of clean topsoil in the immediate vicinity of the tree base due to tree being over buried. 3 Kings to inform surveyor that backfill grades in this area may be slightly lower.

1615 – 3 Kings measured distance from corner post observed at SW corner of [redacted] to post marking apparent ROW that was uncovered. 3 Kings confirmed that this post appeared to line up with 66.1 foot measurement seen on tax maps delineating span from south end of [redacted] to ROW. GSI indicated that the post location will be used to guide transition from proposed 18-inch excavation depth to 6-inch ROW

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excavations. Due to CRZ for douglas fir tree, much of the 18-inch proposed depth section in the front yard of [redacted] Baxter may not be achievable and 3 Kings to only remove as much soil as possible without undermining or significantly damaging tree.

1630 – Spade Tree Preservation offsite. 3 Kings reinstalling BMPs (silt fence, waddle, stockpile cover) and security fence at [redacted] Baxter.

1655 – Street sweeper onsite. Security onsite.

1720 – 3 Kings offsite. GSI offsite.

Outstanding Issues or Concerns

- Additional water line anticipated to be encountered during upcoming work at [redacted] Baxter. 3 Kings expecting to replace this section during RA activities.
- Extra care during backfilling of [redacted] Baxter will be required due to HVAC unit being reinstalled along access point in side yard.
- Warm weather forecasted at end of week may start to contribute to dust control concerns during RA activities.
- ACM material disposal

Upcoming Planned Activities

- DU-09: Complete backfill placement and possibly start planting.
- DU-10: Complete CRZ and front yard excavations. Survey excavation extents. Begin backfill placement.

RA Day 6 Photographs

Photograph 1. Private drive for [redacted] Baxter after weekend. Photo taken facing west.



Photograph 2. [redacted] Baxter side yard after weekend. Photo taken facing north.



Photograph 3. Completed restoration at [redacted] Baxter. Photo taken facing northwest.



Photograph 4. Completed restoration at [redacted] Baxter. Photo taken facing west.



Photograph 5. Footing excavations along [redacted] Baxter. Photo taken facing west.



Photograph 6. Soil removal along fence line of [redacted] Baxter. Photo taken facing northwest.



Photograph 7. Some gravel backfill placed a[redacted] Baxter. Photo taken facing east.



Photograph 8. Rexius 'Turf Start' application at Alva Park. Photo taken facing south.



Photograph 9. Rexius 'Turf Start' application at Alva Park. Photo taken facing north.



Photograph 10. Rexius loam delivery for [redacted] Baxter. Photo taken facing east.



Photograph 11. [redacted] Baxter HVAC unit covered during soil transport to backyard. Photo taken facing east.



Photograph 12. Gravel pad behind ADU at [redacted] Baxter. Photo taken facing east.



Photograph 13. Topsoil and loam placed at [redacted] Baxter. Photo taken facing north.



Photograph 14. Footing excavation at [redacted] Baxter. Photo taken facing north.



Photograph 15. [redacted] Baxter ROW tree CRZ excavation with hand tools. Photo taken facing east.



Photograph 16. Arborist recommendations on backfilling around over buried tree base. Photo taken facing northeast.



Photograph 17. Loam placement along [redacted] Baxter side yard. Photo taken facing north.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #7 Date: May 07, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Partly Cloudy – 40s to 50s
PM: Partly Cloudy – 60s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 5 crew)
Rexius
Mid-State Industrial Service
Minister and Glaeser Surveying, Inc.
Spade Tree Preservation

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight
- Don Hanson – DEQ - Oversight

Safety

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0700 – GSI staff (Julian) onsite. 3 Kings onsite. Daily tailgate/safety meeting. 3 Kings/GSI discussed BMPs, site security, safety/PPE, and SOW for day.

- GSI suggested vac truck/power washing at some point this week to improve upon cleanup efforts being conducted by street sweepers.
- GSI confirmed 3 Kings only planning to backfill with required six inches of topsoil at [redacted] Baxter.
- 3 Kings focusing today's RA efforts on completing backfill placement at [redacted] Baxter, removing topsoil from front yard of [redacted] Baxter so that excavations can be continued, completing [redacted] Baxter excavation work including CRZ around tree.

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- First loam delivery from Rexius scheduled for 8 AM. Surveyor scheduled for 10 AM.
- 3 Kings indicated additional laborers may be visiting site to help with RA activities.

0725 – [redacted] Baxter residents moved parked vehicles to accommodate construction traffic. 3 Kings began transporting imported topsoil from [redacted] Baxter front yard to [redacted] Baxter with skid steers.

[redacted] Baxter resident (Tahnee's roommate) asked if restoration plans in backyard could be changed to accommodate a planting area along western fence line. She asked for an approximately 3-4 foot wide area along the fence where sod would not be placed so that other plants at Tahnee's discretion could be planted here. GSI indicated we would need confirmation from Tahnee regarding change and proposed area. GSI to discuss change internally and with DEQ.

0730 – 3 Kings began using hand tools to start removing grass/soil from around CRZ of douglas fir tree in front yard of [redacted] Baxter.

0845 – 3 Kings loading 1X haul truck with contaminated soil from front yard of [redacted] Baxter for transport to landfill. 3 Kings operator indicated that they had encountered another portion of buried slab near the northeast corner of the structure. The slab was encountered at approximately 6 inches below previous grade and it was unclear what the purpose was. GSI indicated that since the slab may be connected to the foundation, and that since it only encompassed a limited area (handful of square ft), that 3 Kings should excavate around it as much and possible but no slab removal would be required.

0900 – 1X Rexius loam load delivered to site. 3 Kings starting to place topsoil to anticipated finish grades in backyard of [redacted] Baxter.

0920 – 1X load offsite to landfill.

0945 – Don (DEQ) onsite. DEQ observed some track out along Baxter ROW due to import material handling and requested that GSI discuss additional sweeping or mitigation efforts with 3 Kings. GSI requested 3 Kings see if additional vacuum assisted sweeper truck is available to help clean along site. 3 Kings said they would schedule an additional cleaning with water/vacuum assist.

0950 – Surveyor (Minister & Glaeser) onsite to survey excavation extents and backfill grades.

0955 – 1X Rexius loam load delivered to site.

1000 – GSI asked 3 Kings if additional sweeping could be performed, or other measures implemented, to help mitigate current track out observed along private drive and ROWs. 3 Kings indicated they would contact Mid-State Industrial to request additional sweeping pass made.

1056 – 1X Rexius loam load delivered to site.

1130 – Surveyor marked some areas that were a few inches lower than previous grades in the backyard of [redacted] Baxter. 3 Kings was unsure how best to meet backfilling requirements in this area due to the previous stump and generally uneven ground conditions prior to RA activities. GSI suggested tapering grades smoothly from stump area high points and avoiding grading any of the backyard that would promote drainage towards the building or cause erosion concerns.

1140 – GSI staff observed some damaged roots within CRZ that appeared to have been hit by excavator work. Roots were less than 1-inch in diameter. GSI reminded 3 Kings to take extra precautions when working in or near the CRZ to limit root damage as much as possible. GSI asked 3 Kings to avoid tracking through CRZ with any heavy equipment. GSI confirmed arborist was scheduled to visit the site later. Due to slow progress observed using only hand tool methods, GSI suggested 3 Kings consider low pressure washing combined with a high-powered vacuum truck as this was an approved methodology and appeared to work well on the previous phase of RA work. 3 Kings resistant to using vacuum truck.

1153 – 1X Rexius loam load delivered to site.

1200 – GSI expressed some concern with ability to meet the weekly schedule with 3 Kings. GSI reminded 3 Kings that [redacted] Baxter had been originally slated to be finished by the Friday of the prior week. 3 Kings indicated that they were not concerned with being able to make up time and keep schedule on track for

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finishing both [redacted] and [redacted] Baxter by Friday, May 10. GSI confirmed 3 Kings is aware that [redacted] Baxter residents were being relocated the following week and that excavation in the front yards of these properties would need to kick off that morning.

3 Kings confirmed additional street sweeping pass still scheduled.

1206 – 1X haul truck onsite.

1215 – GSI collected spot check air readings with TSI DustTrak air monitor. Readings collected near/downwind from RA activities and upwind from the project site. Prevailing wind direction from the NW on 5/7.

2X additional 3 Kings crew onsite – VP performing site visit to meet with crew and change out haul truck drivers.

1240 – 3 Kings using excavator to touch-up grade some areas at [redacted] Baxter that were as being a couple inches above required elevations by surveyor.

1X load offsite to landfill. Surveyor onsite with downtime waiting for 3 Kings to clear additional areas to be surveyed.

1300 – 3 Kings VP offsite.

1315 – GSI requested surveyor delineate approximate ROW extents along Baxter street to help guide excavation depths in the front yard of [redacted] Baxter. Surveyor was able to use apparent corner post uncovered at southeast corner of [redacted] Baxter properties, and additional survey point to the north by [redacted] Baxter to mark approximate transition line from [redacted] Baxter to ROW. Surveyor marked this line with pink flags to help guide 3 Kings operators when working in these areas.

1330 – 3 Kings using skid steer to transport imported topsoil from staging area to backyard of [redacted] Baxter.

1336 – 1X Delta haul truck onsite to be loaded for transport to landfill. 3 Kings indicated that some areas in backyard and/or north side yard of [redacted] Baxter that were marked as too high appeared to be excavated at least 12 inches when manually checking off dirt marks on fence lines or excavation side walls. GSI indicated that there was some inherent error in both methods but that 3 Kings should defer to grades the surveyor is providing and remove some additional material to ensure required depths are met.

1400 – GSI/3 Kings met to discuss the following:

- Grading in backyard of [redacted] Baxter after additional backfilling. GSI reiterated that 3 Kings did not need to recreate any previous surface mounds but they should do their best to match the previous backyard high point and taper out reasonable finish grades from here. GSI reiterated to avoid grading in any way that would promote future drainage concerns.
- 3 Kings indicated RFI for specified gravel placement around ROW tree at [redacted] Baxter. GSI indicated they would discuss potential change internally and consult with arborist on recommendations for finishing in this area.
- 3 Kings asked about required width of gravel path in north side yard of [redacted] Baxter. GSI indicated the path width should be similar to previous lava rock conditions observed before and that making the path approximately as wide as the gate entrance may make sense.

1415 – Surveyor offsite. 3 Kings indicated surveyor was scheduled to revisit the site on Thursday, May 9.

1430 – 3 Kings had water delivered to site to fill water buffalo for future dust suppression efforts. 3 Kings indicated they had scheduled additional street sweeping for 1400 and followed up to confirm sweep still coming for additional pass.

1445 – GSI weekly check in meeting with DEQ. Street sweeper arrived onsite during meeting. Important notes discussed during meeting included:

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- GSI/DEQ agreed to get arborist input on how to approach surfacing change around ROW tree base at [redacted] Baxter and how to tie in to specified restoration surface (backfill depth, mulch vs. soil, required radius of surfacing change, etc.).
- DEQ concerned about COC concentrations within CRZ of tree if arborist recommendations suggest backfilling less than current scope. If arborist recommends lower finish grades for tree health, DEQ recommended removing additional native material from within CRZ if possible to allow a desired 6-inch thick protective cap.
- DEQ to discuss proposed surfacing changes around ROW tree with residents.
- DEQ requested improvements to TCP to ensure appropriate measures are implemented during next phase of RA work and allow DEQ to submit plan to the City of Eugene. Current plan deemed insufficient for submittal. GSI to relay request to 3 Kings.
- DEQ requested 3 Kings plan on providing additional fenced off area in backyard of [redacted] Baxter during backyard RA work to give residents additional room for dogs since they will be impacted by earthwork activities throughout the remainder of the project. GSI to request 3 Kings implement this plan in their strategy for excavation/restoration of the property backyard.
- DEQ/GSI discussed need for improved track out control and cleanup measures and that 3 Kings needs to be prepared for dust control during forecasted drier weather.

1530 – GSI/DEQ meeting completed. GSI informed 3 Kings that an improved TCP was requested by DEQ and would be expected prior to implementing the next phase of RA activities. GSI requested 3 Kings consider ways to improve track out control and cleaning and start implementing dust control measure such as road wetting due to some observed dust generated by street sweeper.

1545 – Cory (Spade Tree Preservation) onsite to observe CRZ and provide surface restoration recommendations. Input provided by Spade included:

- 10-foot minimum mulch radius recommended around base of tree. Similar to previous phase, Spade recommended Douglas Fir 'Wood Chips' product from LFP.
- Recommended backfilling within 10-foot radius with no more than 3 inches of topsoil, followed by no more than 3 inches of wood chips. Around immediate base of tree Spade only recommended a dusting of new soil and/or woodchips.
- Spade recommended only removing 3 to 6 inches of additional material within the CRZ to prevent undermining of the tree and further root damage. Spade recommended no more than 12 inches of total soil removal within 10-foot radius.
- Spade indicated that geotextile fabric use within 10 feet of the tree was not suggested.
- Spade indicated that same restoration suggesting would apply to trees at both [redacted] and [redacted] Baxter as well.

1600 – 3 Kings/DEQ both onsite for arborist consultation and recommendations. DEQ (Don) indicated approval of proposed changes in restoration approach by group. DEQ to confirm with residents that changes are acceptable.

1610 – Spade Tree Preservation offsite. DEQ offsite.

1645 – 3 Kings using water tank to wet private drive and Baxter ROW as dust prevention measure and to possibly help street sweeper during cleaning. GSI reiterated that power washing or other methods would likely be required to return roadways to conditions observed prior to RA activities.

Security onsite. 3 Kings asked if fence delineating [redacted] Baxter along southern property line was being saved – GSI confirmed and revisited surface restoration plans with 3 Kings operators.

1708 – DEQ onsite and informed GSI that a signed access agreement had been acquired for the property to the north of [redacted] Alva Park to allow 3 Kings access for fence repairs. DEQ indicated the side gate would be left open for 3 Kings to access.

1715 – DEQ offsite.

1730 – Street sweeper back onsite. 3 Kings indicated that almost 75 cubic yards of imported Rexius topsoil had been placed at [redacted] Baxter thus far.

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1755 – GSI request 3 Kings place light temporary covering of topsoil around ROW tree base due to some additional hand tool excavations performed in this area.

1805 – GSI offsite. 3 Kings offsite.

Outstanding Issues or Concerns

- Additional water line anticipated to be encountered during upcoming work at [redacted] Baxter. 3 Kings expecting to replace this section during RA activities.
- Warm weather forecasted may start to contribute to dust control concerns during RA activities.
- ACM material disposal

Upcoming Planned Activities

- DU-09: Complete backfill placement and possibly complete fence repairs and/or replacement shed installation.
- DU-10: Complete CRZ and front yard excavations. Survey remaining excavation extents. Backfill placement.

RA Day 7 Photographs

Photograph 1. Hand tools used for soil removal around tree base at [redacted] Baxter. Photo taken facing northwest.



Photograph 2. Manual removal depth field truthing in CRZ. Photo taken facing south.



Photograph 3. Topsoil placement and hand raking at [redacted] Baxter. Photo taken faicng west.



Photograph 4. Rexius loam delivery at [redacted] Baxter. Photo taken facing east.



Photograph 5. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing south.



Photograph 6. Excavation grade checks by surveyor. Photo taken facing north.



Photograph 7. Excavation progress at [redacted] Baxter. Photo taken facing east.



Photograph 8. Excavation progress and buried concrete slab encountered at [redacted] Baxter. Photo taken facing south.



Photograph 9. Careful CRZ excavation with mini-excavator. Photo taken facing northeast.



Photograph 10. 3 Kings grade marks for follow excavation post survey. Photo taken facing northwest.



Photograph 11. Topsoil hand raking at [redacted] Baxter. Photo taken facing northeast.



Photograph 12. Surveyor checking backfill grades at [redacted] Baxter. Photo taken facing southwest.



Photograph 13. Background ambient air monitoring upwind from RA activities. Photo taken facing south.



Photograph 14. Touch up excavations to meet removal depth post survey at [redacted] Baxter. Photo taken facing north.



Photograph 15. Clean fill placed at [redacted] Baxter front yard. Photo taken facing northeast.



Photograph 16. Topsoil placed at [redacted] Baxter side yard. Photo taken facing north.



Photograph 17. 3 Kings washing private drive along [redacted] Baxter. Photo taken facing east.



Photograph 18. Topsoil hand raking at [redacted] Baxter. Photo taken facing north.



Photograph 19. Baxter and Alva Park connecting road after street sweeping. Photo taken facing west.



Photograph 20. Topsoil, temporary fencing, and BMPs installed at [redacted] Baxter. Photo taken facing north.



Photograph 21. Additional street sweeping at Baxter street to reduce track out. Photo taken facing south.



Photograph 22. Temporary topsoil covering CRZ excavations around tree base. Photo taken facing southwest.



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OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #8 Date: May 08, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Partly Cloudy – 50s
PM: Partly Cloudy – 60s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 5 crew)
Rexius
Mid-State Industrial Service
Minister and Glaeser Surveying, Inc.
Lane Forest Products
NWFF

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight
- Don Hanson – DEQ – Oversight

Safety

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0650 – GSI staff (Julian) onsite. 3 Kings crew arriving onsite.

0700 - Daily tailgate/safety meeting. 3 Kings/GSI discussed BMPs, site security, safety/PPE, and SOW for day. Specific scope items discussed:

- GSI stressed that current track out containment and road clean up observed thus far was inadequate and that 3 Kings needed to find methods to improve cleaning during/at the end of the work days. GSI suggested potential power washing with vacuum truck since this worked well on previous RA activities. 3 Kings resistant to vac truck methods for both cleaning and CRZ excavations. GSI

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highlighted that regardless of methods selected by EC, the ROWs would need to be restored to previous conditions by the end of the week.

- 3 Kings indicated they were planning on starting fence repair at Alva Park at 10 AM (work completed under subcontract to NWFF and separate scope from this phase of remedial action).
- GSI indicated need for improved traffic control measures during next phase of work and that 3 Kings should be anticipating preparing a revised TCP for DEQ review/submittal to the city.

0735 – GSI/3 Kings revisited arborist recommendations for RA work around ROW tree at [redacted] Baxter. 3 Kings marking 10-foot radius around tree base as area where careful additional hand tool excavation will be performed to remove additional material prior to backfilling to arborist recommended finish grades. Hand tool excavations not to extend greater than 12 inches total in the immediate vicinity of the tree but 3 Kings will attempt to generally remove 3-6 additional inches (6 inches removed day prior) to accommodate DEQ request for additional soil removal in this area due to dioxin concentrations and to provide sufficient protective cap using backfill materials.

0740 – GSI/3 Kings discussed excavating in ROW around power pole tie downs. GSI indicated that 3 Kings should follow any required offset and/or known grading requirements and consult with utility to confirm if needed.

0810 – 1X Rexius topsoil load delivered to site.

0825 – 1X load offsite to landfill. GSI asked if 3 Kings was able to secure additional trucking to speed up earthwork – 3 Kings inquiring about scheduling additional trucks. 3 Kings also indicated they had scheduled a high-powered vac truck for 1400 to assist with cleaning and possible CRZ excavation.

0930 – NWFF onsite for AP-01([redacted] Alva Park) -related activities. NWFF indicated they would be assisting 3 Kings with gate repairs at AP-01 today and that seeding was scheduled for Monday/Tuesday of the following week.

3 Kings delivered alternative skid steer with sweeping attachment to help with track out clean up along private drive and Baxter ROW.

0945 – LFP onsite delivering 4 yards of wood chips for placement around ROW tree at [redacted] Baxter.

1000 – NWFF and partial 3 Kings crew offsite to work on AP-01 gate fixing.

1015 – DEQ (Sarah) onsite. DEQ discussing RA progress with residents of [redacted] Baxter.

1030 – 3 Kings indicated they would be able to complete fence repairs at AP-01 within the day, including placing new posts/fence boards in backyard of property. Some 3 Kings crew offsite to get supplies.

1050 – DEQ confirmed proposed restoration surfacing changes around ROW tree at [redacted] Baxter were OK with residents.

1100 – Due to deteriorating observed track out conditions around work zones, GSI asked 3 Kings to improve working methods, containment, and/or cleaning of site area. 3 Kings indicated that a high-powered vacuum truck was scheduled for later in the day.

DEQ meeting with resident of [redacted] Baxter to discuss access agreement for 3 Kings to perform fence repairs.

1115 – DEQ offsite.

1120 – 1X haul truck onsite.

1145 – GSI performed spot check air monitoring near earthwork/material loading and upwind from RA activities.

3 Kings placing ¾-inch minus gravel backfill in [redacted] Baxter side yard.

1155 – 1X haul truck offsite to landfill.

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1228 – DEQ onsite and at AP-01. 3 Kings began periodically wetting roadways to prevent intermittent airborne dust observed due to vehicle traffic. Significant or persistent amounts of airborne dust particles not observed during RA activities this day. 3 Kings adding water to excavated area around CRZ of ROW tree where backfill had not been placed yet.

1300 – DEQ offsite. 3 Kings working with residents at AP-01 regarding requests for gate/fence repairs. 3 Kings using hose and skid steer sweeper to try cleanup track out buildup on private drive in front of [redacted] through [redacted] Baxter private drive.

1330 – 3 Kings continuing fence/gate repairs with NWFF oversight.

1338 – 1X Rexius loam load delivered to site.

1400 – Mid-State Industrial service onsite with high powered vacuum truck. 3 Kings (Brett) adamant that the vacuum truck would not be beneficial at site due to limited curb and gutters and indicated 3 Kings would not be using this for cleaning or CRZ excavations. GSI indicated that the vacuum truck and power washing methods were observed to be successful during previous phase of RA, but that means and methods for cleaning/CRZ excavations were up to 3 Kings as long as they were effective. 3 Kings said containment would be necessary if using significant power washing along site ROWs - GSI indicated this may be required if 3 Kings is unable to improve upon current track out conditions as they were unacceptable. 3 Kings discussing options with Mid-State who will bring water truck and wet-vac sweeper to try wash roads prior to additional sweeping.

1430 – 1X Rexius loam load delivered to site.

3 Kings confirmed that all of [redacted] Baxter north side/backyard had been checked by surveyor and that minimum required excavation depths were met. 3 Kings indicated they would start placing backfill in this area. 3 Kings confirmed they would be placing topsoil to cover recently excavated areas around tree base and reduce direct sun exposure to these sensitive areas.

1500 – 2X haul trucks loaded for transport to landfill. 1 'preloaded' for disposal following day.

1535 – 1X Rexius loam load onsite.

1545 – DEQ onsite to observe RA progress. Mid-State back onsite with wet-vac sweeper truck and water truck equipped with higher power wash mechanism to perform cleaning on private drive and Baxter/cross street ROWs. Wash/sweeping combination appeared to generally improve observed track out build up along these areas. GSI indicated to 3 Kings that it may take several iterations of this process over the coming days to return ROWs to 'preconstruction' conditions.

GSI/DEQ observed some damage to southeast corner of concrete driveway at [redacted] Baxter. GSI pointed this out to 3 Kings to ensure they were aware this would need to be fixed in accordance with RA contract.

1610 – 3 Kings damaged PVC section of water line at [redacted] Baxter during excavation work. GSI observed that an approximate 10 foot section of line would need to be replaced to restore water to the residence. 3 Kings notified residents and began working to replace damaged section of line.

1705 – 3 Kings restored pipe connection – letting connection cure prior to turning water back on to residence. GSI reminded 3 Kings topsoil covering recent CRZ excavation still needed to be placed as protective measure.

1730 – DEQ offsite.

1745 – Residents at [redacted] Baxter informed 3 Kings that they were not getting water to their kitchen sink after water was restored to house. GSI/3 Kings tested other spigots in yard and observed that water supply appeared to be functioning correctly. Residents indicated that water appeared to be working everywhere within the house except for at the kitchen sink. 3 Kings began troubleshooting potential issues.

3 Kings placed temp topsoil covering CRZ of ROW tree at [redacted] Baxter.

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1800 – Some 3 Kings crew reinstalling fence boards for north side gate at AP-01 property. 3 Kings discovered that some apparent debris in water lines at the kitchen sink of [redacted] Baxter had come loose during the pressure loss caused by the damaged water pipe and subsequent repairs. 3 Kings continuing to attempt to trouble shoot issue by cleaning out sink lines.

1830 – Observed that unauthorized transient use of porta potty and jobsite staging area appeared to be occurring and notified 3 Kings. GSI also observed that site security had not arrived as required and informed 3 Kings of this. 3 Kings began contacting security contractor to confirm they were still coming to site.

1845 – 3 Kings/NWFF continuing to wrap up gate repairs at AP-01. Some 3 Kings crew offsite to purchase replacement kitchen faucet for [redacted] Baxter due to an inability to clear out debris from sink lines.

1915 – 3 Kings installed replacement kitchen faucet at [redacted] Baxter. Residents confirmed that sink appeared to functioning correctly. GSI notified DEQ of repairs at [redacted] Baxter and indicated that residents would be contacted again on the following day to confirm water throughout house is still function properly. 3 Kings/NWFF completed gate repairs at AP-01 and indicated that they would be finishing fence tomorrow. 3 Kings confirmed they had contacted security contractor and that they would be onsite shortly to provide overnight site security.

1920 – 3 Kings offsite. GSI offsite.

Outstanding Issues or Concerns

- Additional water line anticipated to be encountered during upcoming work at [redacted] Baxter. 3 Kings expecting to replace this section during RA activities.
- Warm weather forecasted at end of week may start to contribute to dust control concerns during RA activities.
- ACM material disposal

Upcoming Planned Activities

- DU-09: Complete surface restoration activities, fence repair, shed building.
- DU-10: Complete CRZ and front yard excavations. Survey excavation extents. Begin backfill placement.

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RA Day 8 Photographs

Photograph 1. Continued CRZ excavations with hand tools. Photo taken facing northwest.



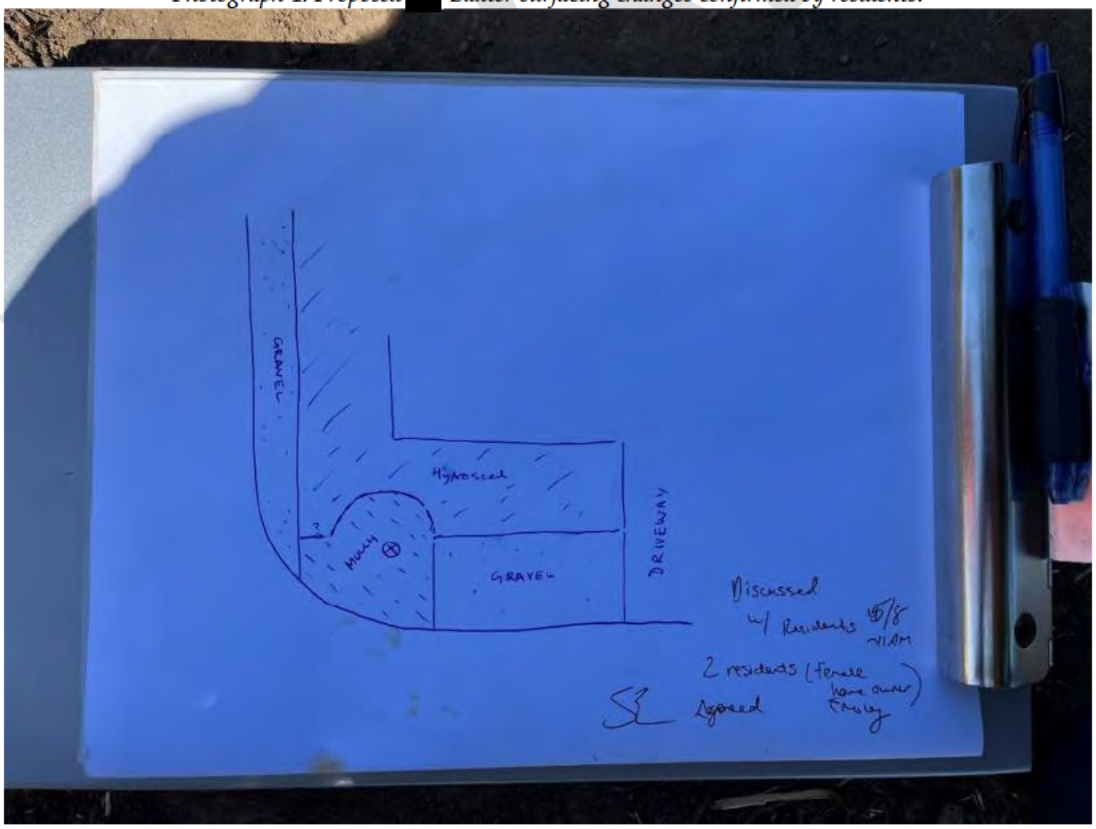
Photograph 2. CRZ excavations. Photo taken facing southwest.



Photograph 3. Manual excavation depth field truthing. Photo takn facing northeast.



Photograph 4. Proposed [redacted] Baxter surfacing changes confirmed by residents.



Photograph 5. ROW excavations at [redacted] Baxter. Photo taken facing southwest.



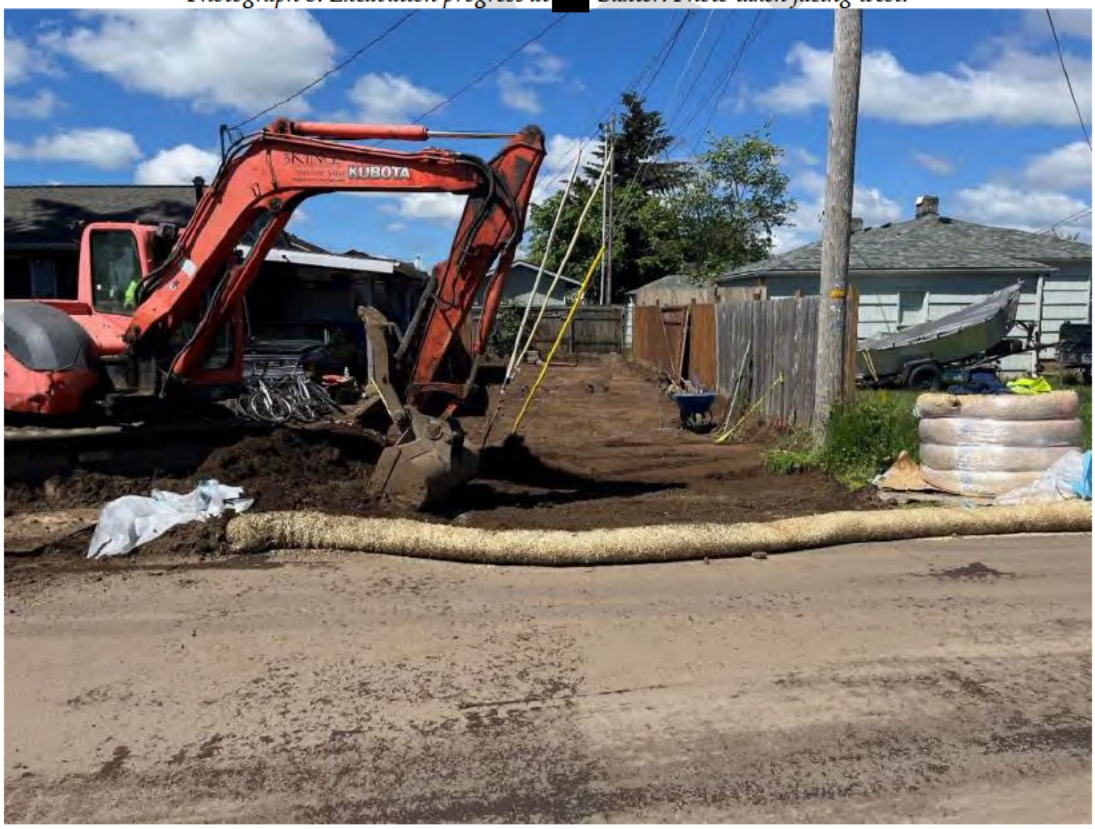
Photograph 6. Spot check air monitoring during earthwork. Photo taken facing northwest.



Photograph 7. Upwind ambient air monitoring. Photo taken facing south.



Photograph 8. Excavation progress at [redacted] Baxter. Photo taken facing west.



Photograph 9. Excavation progress at [redacted] Baxter. Photo taken facing east.



Photograph 10. CRZ wetting during earthwork activities. Photo taken facing east.



Photograph 11. 3 Kings and NWFF fixing gate at [redacted] Alva Park. Photo taken facing west.



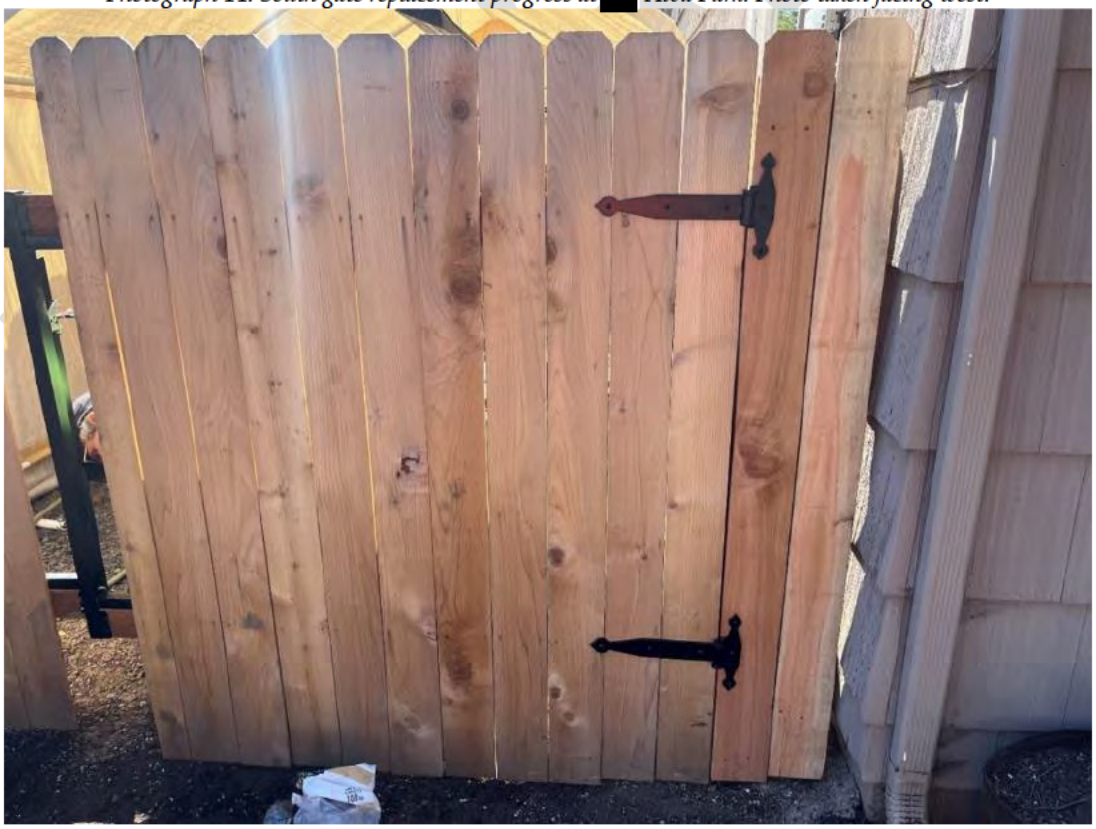
Photograph 12. Downspout drain pipe reinstalled into existing drywell at [redacted] Baxter. Photo taken facing north.



Photograph 13. Topsoil placed in [redacted] Baxter front yard. Photo taken facing northwest.



Photograph 14. South gate replacement progress at [redacted] Alva Park. Photo taken facing west.



Photograph 15. Water truck jetting private drive in front of [redacted] Baxter. Photo taken facing southeast.



Photograph 16. Jetting and sweeping private along [redacted] Baxter. Photo taken facing west.



Photograph 17. Broken section of water line at [redacted] Baxter. Photo taken facing west.



Photograph 18. Jetting and sweeping Baxter ROW. Photo taken facing south.



Photograph 19. South side yard gate replacement at [redacted] Alva Park. Photo taken facing west.



Photograph 20. North side yard gate replacement at [redacted] Alva Park. Photo taken facing southeast.



Photograph 21. Replaced section of water line at [redacted] Baxter. Photo taken facing northwest.



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OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #9 Date: May 09, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Sunny – 40s to 60s
PM: Sunny – 70s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 5 crew)
Rexius
Mid-State Industrial Service
Minister and Glaeser Surveying, Inc.
Delta Sand & Gravel

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight
- NW Natural

Safety

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0650 – GSI staff (Julian) onsite. 3 Kings crew arriving onsite.

0700 - Daily tailgate/safety meeting. 3 Kings/GSI discussed BMPs, site security, safety/PPE, and SOW for day. Specific scope items discussed:

- Gravel, loam, and topsoil deliveries scheduled from Delta Sand & Gravel and Rexius for today.
- 3 Kings indicated that surveyor was scheduled to perform grade checks on excavation extents at [redacted] Baxter today.
- Some 3 Kings crew to continue fence repairs at Alva Park property.
- Soil important/restoration activities to be continued at 2[redacted] Baxter.

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- CRZ excavations via hand tool methods and completion of all remaining contaminated soil removal from [redacted] Baxter to be completed.
- 3 Kings confirmed that security had eventually showed up the previous night as required per contract.

0715 – 3 Kings began continued soil removal in front yard of [redacted] Baxter. 3 Kings crew indicated they had seen [redacted] Baxter residents and were told that water to house, including at replaced faucet, appeared to be functioning correctly.

0745 – GSI/3 Kings discussed remaining CRZ excavations. 3 Kings continuing to carefully use hand tools to remove soil and find significant roots within CRZ and using mini excavator to assist with soil removal only in locations where no larger roots observed.

1X Delta truck onsite delivering gravel. Truck to be loaded with soil for transport to landfill.

0805 – 3 Kings uncovered shallow gas line while excavating in [redacted] Baxter front yard. Steel line was scuffed during excavation work but otherwise appeared undamaged. 3 Kings continuing to excavate to required grades around line with hand tools and careful excavator methods. Gas line appeared to have been as shallow as 4-inches in some places. 3 Kings notified NW Natural who sent dispatch staff to inspect/document line section.

0830 – NW Natural onsite. Inspector indicated that regional supervisor would also be stopping by the site and document the shallow pipe sections and notify locating staff of incident.

0845 – Sarah (DEQ) onsite delivering relocation checks to residents for [redacted] through [redacted] Baxter properties to begin next week.

GSI/DEQ discussed potential requested surface finishing changes with resident from [redacted] Baxter. [redacted] Baxter residents considering surface restoration in entire front yard to mulch product due to CRZ around tree already being changed to mulch surface material based on arborist recommendation. DEQ/GSI to discuss requested change and confirm if still feasible for 3 Kings to change import materials without significant impacts to scope/schedule. Resident confirmed she was OK with wood chip/mulch ring placed around tree per arborist recommendations regardless of finish surface selected for the remaining front yard.

GSI asked NW Natural staff if they had any special recommendations or locating input/requests for upcoming work around gas lines at remaining properties. NW Natural representative did not indicate any special considerations and just requested that care be taken near utilities as usual and to notify them if any unexpected conditions are encountered.

0945 – 1X haul truck onsite for soil loading/transport to landfill.

1000 – Surveyor (Minister & Glaeser) onsite. NWFF onsite to assist with and provide oversight for fence repairs at AP-01 ([redacted] Alva Park). DEQ offsite.

1025 – GSI collected spot ambient air check readings immediately downwind as well as upwind from earthwork activities. Due to warm, dryer, and windier conditions starting, 3 Kings implementing additional dust control measures such as soil wetting during material handling. No significant airborne dust observed during handling of contaminated soil.

1050 – 1X haul truck onsite for soil loading/transport.

1105 – 1X Delta haul truck onsite.

1135 – Surveyor indicated that some areas within 10 ft radius of ROW tree at [redacted] Baxter appeared to only have been brought down 4-6 inches in grade, with a small area to the north of the tree only having 1-2 inches removed. GSI indicated to 3 Kings that these areas would need to be further graded with hand tools to meet minimum 6 inch required removal and remove additional contaminated material per DEQ request to make additional room for capping placement. GSI reminded 3 Kings that no more than 12 total inches of removal should be performed within approximately 10 feet of the tree base per arborist discussion.

1300 – Rexius load (loam) onsite.

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Fence posts set and 3 Kings continuing fence repairs at AP-01.

1400 – 1X Rexius load (topsoil) onsite. 3 Kings attempted to place this material on south side yard of [redacted] Baxter in front of gate due to limited space. GSI asked 3 Kings to find alternative due to this staging area not being agreed to with tenants and a lack of plastic fabric placed to prevent cross contamination. 3 Kings placed material at [redacted] Baxter instead.

1445 – 3 Kings using skid steer to transport imported topsoil from backyard of [redacted] Baxter and place in north side yard.

GSI collected spot check air readings at end of private drive near earthwork activities, and to the north and upwind of the project site to document background air particle concentrations. Some intermittent dust observed during passing vehicle traffic and/or stronger wind gusts due to breezy conditions. Periods of sustained dust were not observed.

1515 – GSI reminded 3 Kings that their subcontracted surveyor had marked several areas around the base of the ROW tree that had apparently not been sufficiently excavated to the required grades. In general, the surveyor had indicated several areas within 10 – 15 feet of the tree base where only 4 – 6 inches of material had been removed, and one small area to the north of the tree where only about 1 – 2 inches of soil had been removed. GSI asked 3 Kings to continue to remove up to six inches of additional material (no more than 12 inches total per arborist) and ensure that at least six inches were removed everywhere in this area to provide sufficient elevation for protective cap thickness in accordance with project requirements.

1600 – 3 Kings used mini excavator to remove limited high point to north of tree base to required grades. Significant roots were not encountered during this soil removal.

1615 – DEQ (Sarah) onsite to meet with resident of [redacted] Baxter and receive confirmation on some restoration aspects of RA. Resident confirmed the following:

- An approximate 2 – 3-foot-wide area of bare soil that the resident can use for planting running along the front porch of the following. Area was slated for sod installation but will be left as topsoil.
- Confirmed that an ornamental plum rather than cherry blossom tree will be planted in the middle of the front yard area.
- Confirmed location and specific variety of cherry tree for the backyard with DEQ. Confirmed desired locations for dwarf apple trees. 3 Kings onsite to note tree placement locations.
- Resident confirmed they would like the new shed installed in the northwest corner of the backyard with the shed doors opening to the south.

1644 – 3 Kings began power washing private drive as additional effort to restore asphaltic surface to pre-RA conditions.

1655 – Security onsite. DEQ offsite to check on AP-01. 3 Kings confirmed street sweeper scheduled for 7 PM. 3 Kings continuing to tidy up site, work on gate reinstall at [redacted] Baxter, work on surface restoration.

1800 – 3 Kings offsite. GSI offsite.

Outstanding Issues or Concerns

- Additional water line anticipated to be encountered during upcoming work at [redacted] Baxter. 3 Kings expecting to replace this section during RA activities.
- Warm weather anticipated to start contributing to dust control concerns during RA activities.
- ACM material disposal

Upcoming Planned Activities

- DU-09: Complete restoration loose ends at [redacted] Baxter.
- DU-10: Continue/complete backfilling and surface restoration activities if possible.

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RA Day 9 Photographs

Photograph 1. Hand tool excavations around larger roots with CRZ of tree at [redacted] Baxter Photo taken facing north.



Photograph 2. Shallow set natural gas line encountered at [redacted] Baxter. Photo taken facing northwest.



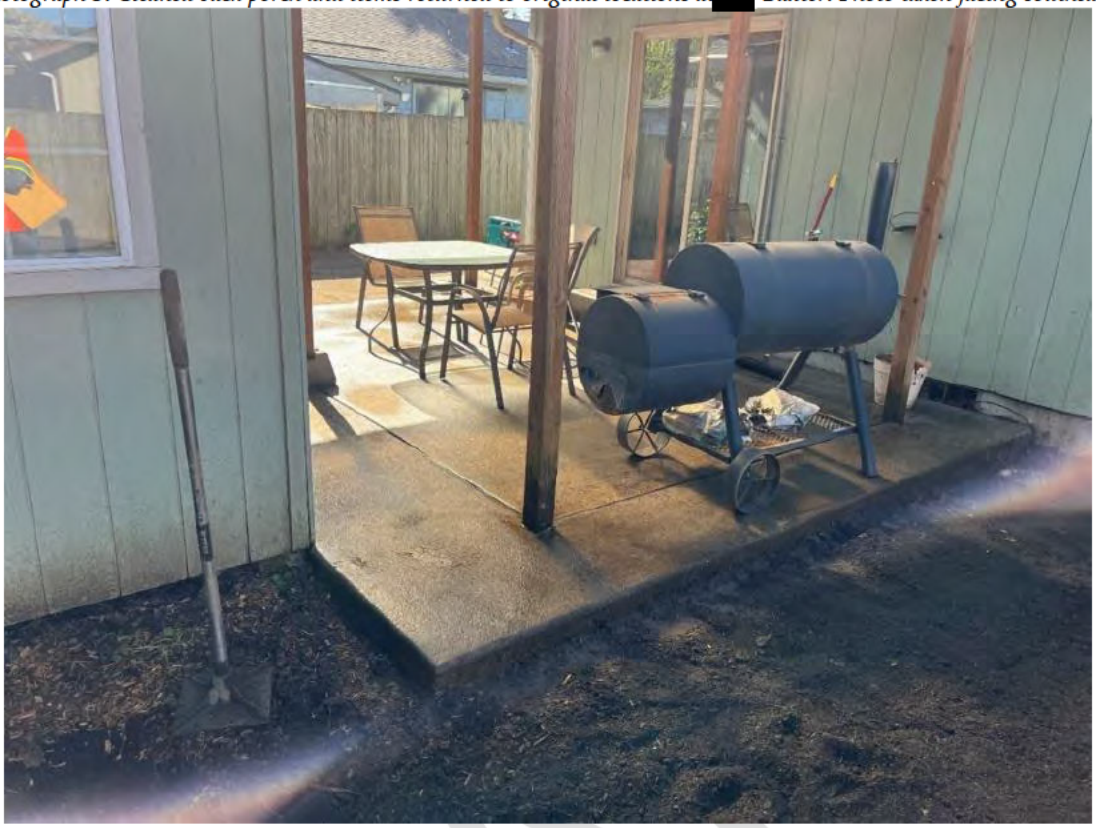
Photograph 3. Excavation progress at [redacted] Baxter. Photo taken facing north.



Photograph 4. Gas and water lines in front yard of [redacted] Baxter. Photo taken facing southwest.



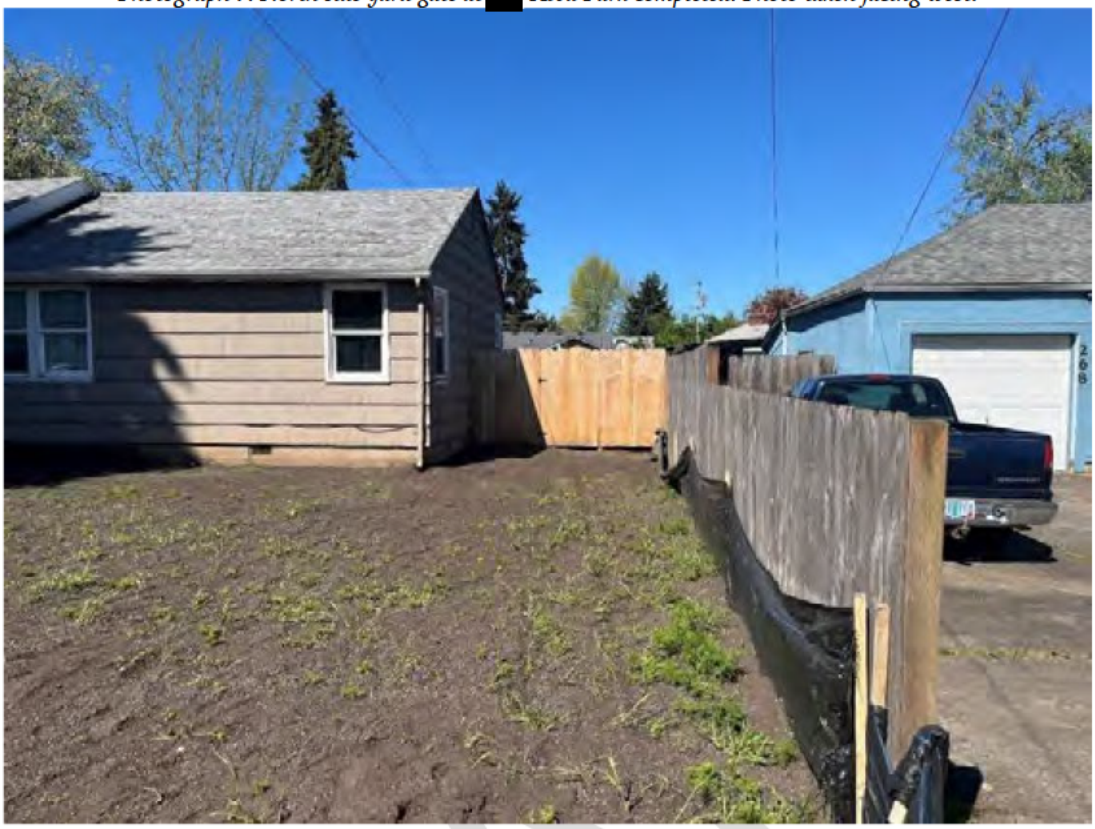
Photograph 5. Cleaned back porch and items returned to original locations at [redacted] Baxter. Photo taken facing southeast.



Photograph 6. NW Natural pipe wrap around scuffed section of gas line at [redacted] Baxter. Photo taken facing northeast.



Photograph 7. North side yard gate at [redacted] Alva Park completed. Photo taken facing west.



Photograph 8. Installing new fence posts in back yard o[redacted] Alva Park. Photo taken facing northeast.



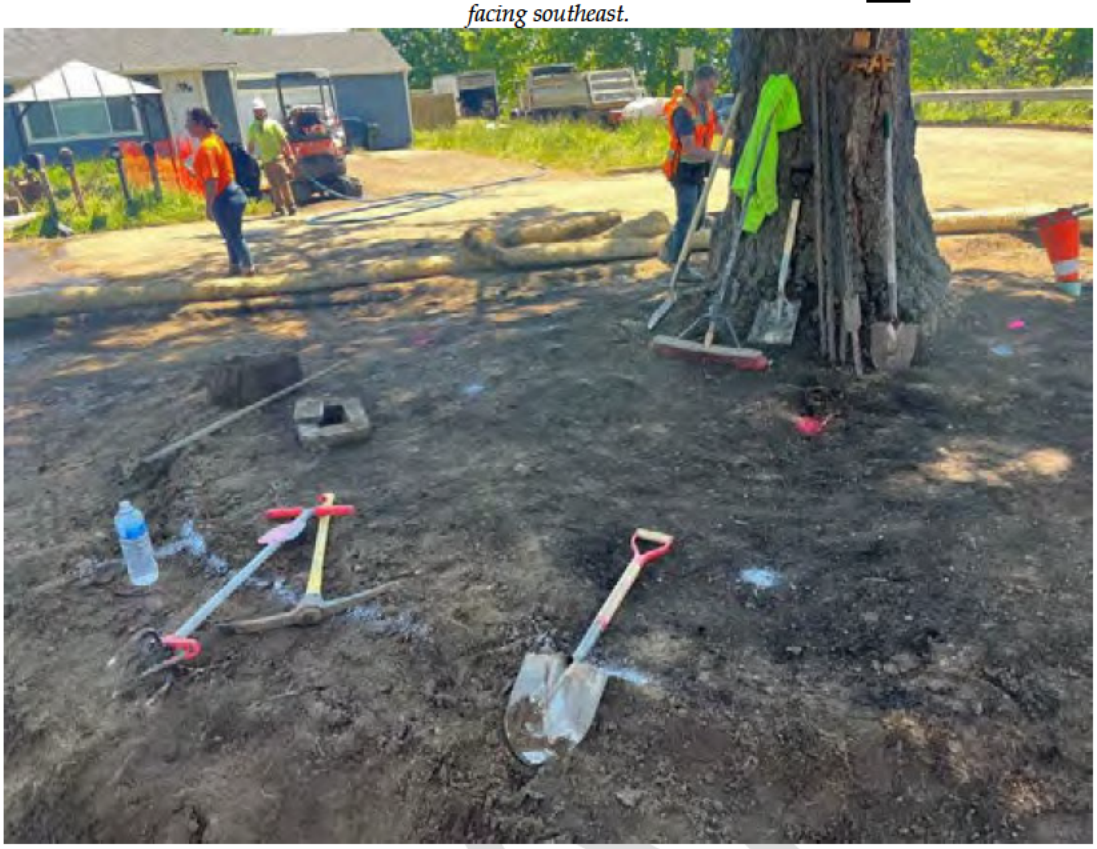
Photograph 9. Hand tool excavations around existing utility lines at [redacted] Baxter. Photo taken facing northeast.



Photograph 10. 3 Kings replacing existing water line from meter to previous repair at [redacted] Baxter. Photo taken facing north.



Photograph 11. Surveyor checking grades after hand tool excavations within CRZ of tree at [redacted] Baxter. Photo taken facing southeast.



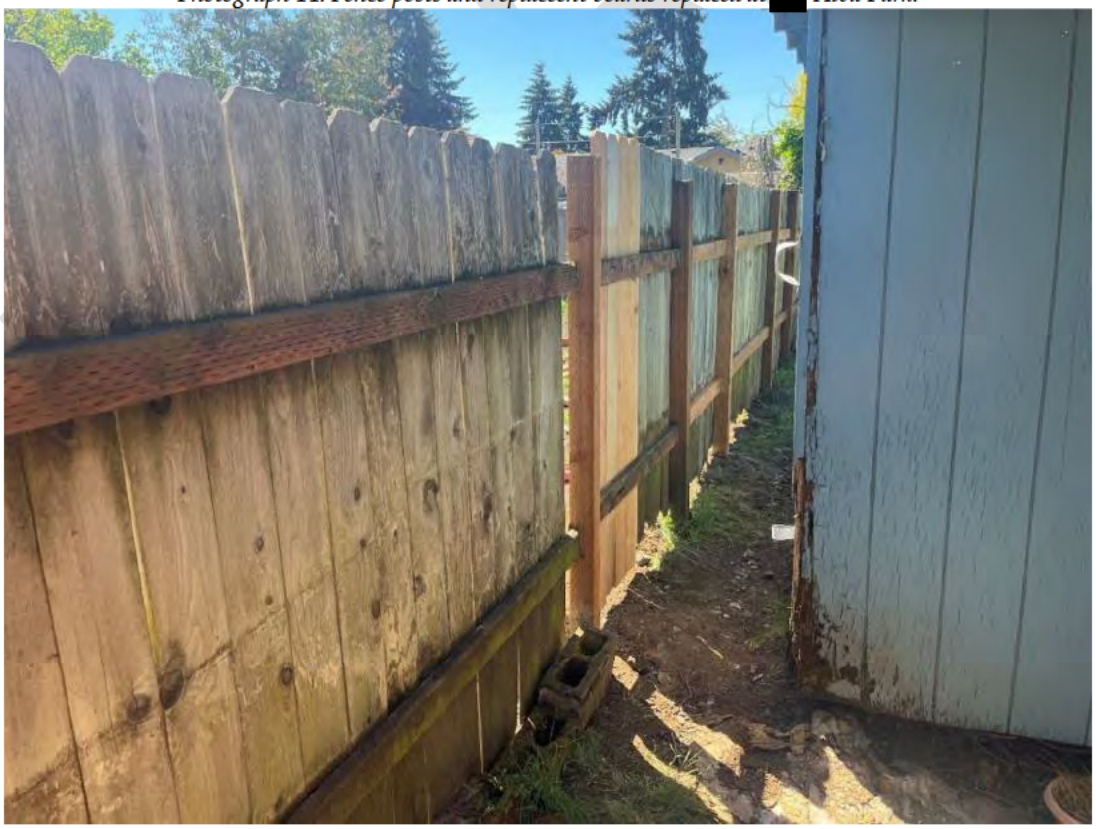
Photograph 12. White marks indicating areas of less than 6 inches total soil removal according to surveyor. Photo taken facing south.



Photograph 13. Water line reconnection at [redacted] Baxter completed. Photo taken facing west.



Photograph 14. Fence posts and replaceent boards replaced at [redacted] Alva Park.



Photograph 15. Replaced section of fence at [redacted] Alva Park. Photo taken facing north.



Photograph 16. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing west.



Photograph 17. CRZ soil removal at [redacted] Baxter after surveyor marked high points. Photo taken facing southeast.



Photograph 18. Manual excavation field truthing within CRZ – additional 4 inches removed from area marked as having 4 – 6 inches removed initially by surveyor. Photo taken facing southeast.



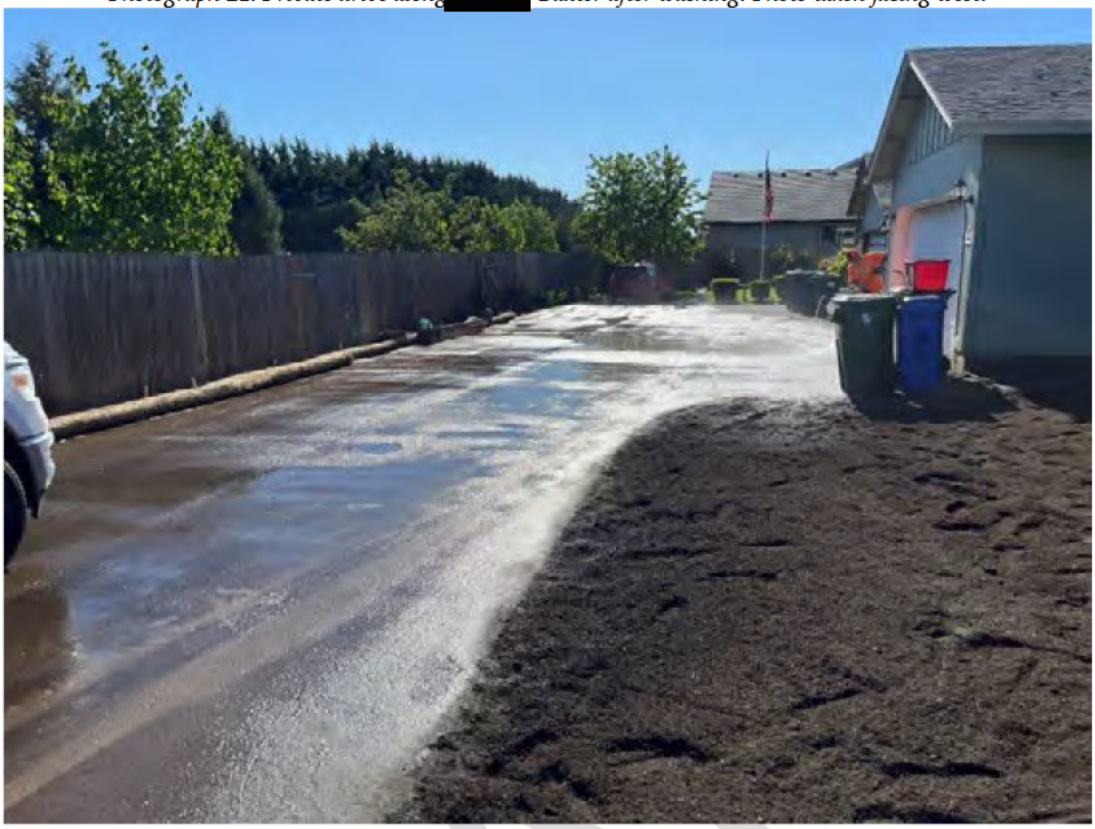
Photograph 19. Careful additional soil removal with excavator within CRZ high points. Photo taken facing south.



Photograph 20. Replacement wood post installed under AC unit at [redacted] Baxter. Photo taken facing east.



Photograph 21. Private drive along [redacted] Baxter after washing. Photo taken facing west.



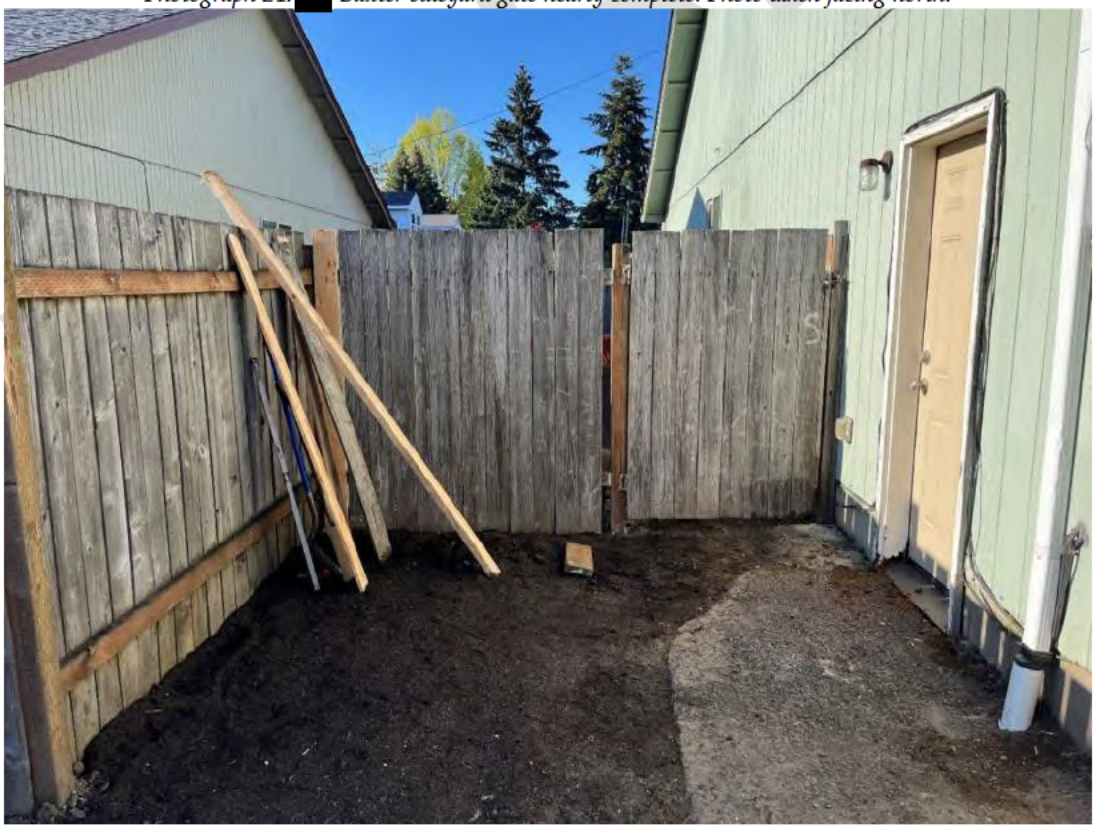
Photograph 22. West sideyard gate reinstall at [redacted] Baxter. Photo taken facing north.



Photograph 23. Excavation progress in front yard of [redacted] Baxter. Photo taken facing north.



Photograph 24. [redacted] Baxter sideyard gate nearly complete. Photo taken facing north.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #10 Date: May 10, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Sunny – 40s to 70s
PM: Sunny – 80s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 4 crew)
Rexius
Mid-State Industrial Service
Delta Sand & Gravel
Spade Tree Preservation

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight

Safety

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0650 – GSI staff (Julian) onsite. 3 Kings crew arriving onsite.

0700 - Daily tailgate/safety meeting. 3 Kings/GSI discussed BMPs, site security, safety/PPE, and SOW for day. Specific scope items discussed:

- GSI highlighted need for dust control awareness due to hot/dry weather in forecast. 3 Kings is complete with removal activities at [redacted] Baxter and focused on restoration work for the day. GSI said that if airborne dust is observed due to equipment traffic some road wetting may become required.
- GSI discussed need for improved TCP for start of next weeks work activities. 3 Kings aware changes to plan will be required for DEQ submittal to City of Eugene.

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- GSI reminded 3 Kings that a small section of damaged concrete observed in the driveway of [redacted] Baxter would need to be repaired. 3 Kings likely to cut out 1-2 foot section of concrete and repour. The repair may not be completed until the following week.
- 3 Kings focusing on completing restoration activities at [redacted] Baxter including additional import/placing of loam and gravel and placing topsoil/mulch. 3 Kings confident that they will be able to complete restoration work by EOD.
- 3 Kings working with one less crew member May 10.
- GSI/3 Kings revisited some recent surfacing change requests and confirmed 3 Kings was aware of all required changes to finish surfacing.

0730 – 3 Kings began loading remaining staged contaminated soil from front yard of [redacted] Baxter into haul truck for disposal. 3 Kings undecided if they will haul partial load to landfill today or leave loaded truck at site until next week to be loaded further.

3 Kings encountered an approximately 2-4-foot-deep hole adjacent to the power pole in the ROW by [redacted] Baxter. The hole appeared to be approximately 8-inches in diameter and exact depth was unclear due to sloughing material within the hole. 3 Kings planning on backfilling hole with Rexius loam prior to completed planned surface restoration in this area.

0745 – GSI observed that 3 Kings had provided different geotextile demarcation fabric for [redacted] Baxter than material specified in project documents. Product was 'Vigoro – Max Weed Control' fabric. GSI discussed internally and concluded product likely sufficient to meet project requirements in this limited area. GSI indicated to 3 Kings that specified 8-ounce non-woven geotextile should be acquired for remaining gravel surface restorations.

3 Kings placing mulch/topsoil around ROW tree and spreading with hand tools in accordance with discussed surfacing changes for property.

Sarah (DEQ) onsite to observe RA progress and deliver last relocation check to residents of [redacted] Baxter.

0850 – GSI/DEQ discuss some additional requested changes from residents at [redacted] Baxter. GSI confirmed that sewer line had been previously repaired and no additional repairs were planned unless the line is encountered and damaged again. Property owner requested installation of drywell for downspout drain line at northwest corner of structure. GSI indicated that based on observed conditions the drain line may already feed to a drywell and that 3 Kings would reinstall the line to match conditions encountered during removal activities. DEQ noted that [redacted] property owner would like a ball valve rather than a gate valve installed at the water meter if 3 Kings replaces additional water line to the property.

0900 – DEQ offsite.

0945 – 3 Kings placing gravel along strip of [redacted] Baxter property adjoining the southern part of [redacted] Baxter. 3 Kings delivered alternate geotextile fabric product. Product was 4-ounce nonwoven demarcation fabric from Site One in Eugene.

1030 – 3 Kings reinstalling additional downspout drain line at [redacted] Baxter and tying into existing drywell. 3 Kings using walk-behind compactor to tamp down gravel lifts along 2[redacted] Baxter strip.

1100 – GSI performed spot check air monitoring near/downwind from ongoing earthwork and upwind from project area. Significant airborne dust due to sight activities not observed.

1145 – 3 Kings began reinstalling fence/gate in north side yard of [redacted] Baxter to previous condition. 3 Kings began performing intermittent roadway and project area wetting as preventative dust suppression measure.

3 Kings notified GSI that haul truck with approximately ¾ full load had been delivered to landfill.

1255 – 3 Kings began placing demarcation fabric for delineation of gravel areas in ROW and north side yard of [redacted] Baxter. Fabric placement being doubled up due to use of 4-ounce geotextile material rather than specified 8-ounce.

1X haul truck onsite delivering gravel.

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1315 – 3 Kings began placing gravel material with skid steer.

1320 – 3 Kings confirmed that two gates to covered area in backyard of [redacted] Baxter were still onsite and would be reinstalled in accordance with restoration plans.

1345 – 3 Kings filled hole observed to utility pole with loam material to 6-inches below grade and capped with gravel fill in accordance with remaining restoration in this area.

1400 – 1X haul truck onsite delivering gravel. 3 Kings using walk-behind compactor to compact gravel backfill lifts to unyielding state.

1445 – 3 Kings placed potential ACM pipe material in garbage bags for storage until consensus is reached on disposal handling. Garbage bags containing the pipe material were placed in 3 Kings company truck.

1X haul truck onsite delivering gravel material.

1500 – GSI/3 Kings revisited potential ACM material handling. 3 Kings reiterated that company policy dictated that any handling, abatement, sampling, and/or disposal of potential ACM material would need to be performed by an accredited asbestos inspector from their staff. 3 Kings indicated that if they are approved to incur the additional costs associated with this they will start on Lane Regional Air Protection Agency (LRAPA; the local regulatory agency for asbestos) notification and any required disposal permitting immediately. The potential ACM material is currently bagged with the presumption that more material may be encountered during earthwork at the remaining properties.

1545 – Cory (Spade Tree Preservation) onsite to remove loose hanging limb from tree at [redacted] Baxter. Limb safely removed with throw line. 3 Kings began reinstalling gates to covered area in backyard of [redacted] Baxter. GSI observed that 3 Kings had returned bikes that residents requested be disposed of to this area. 3 Kings hesitant to dispose of bikes since they appeared functional but said that they could do so if residents were sure they did not need them.

1600 – Spade Tree Preservation observed excavation work around CRZ of ROW tree at [redacted] Baxter. Spade Tree Preservation indicated that excavation methods looked acceptable with no significant damage to larger tree roots observed.

1615 – 3 Kings washing private drive/ROWs and performing sweep with rented skid steer attachment to clean roads. 3 Kings finish raking sections of [redacted] Baxter yards backfilled with topsoil to anticipated finish grades (need survey confirmation).

GSI observed several areas where placed gravel was not properly tied into mulch according to project plans and backfill elevations appeared low. 3 Kings indicated they would finish these areas while/after final elevation survey is performed.

3 Kings returned the [redacted] Baxter pergola from front yard of [redacted] Baxter to requested location in north side yard of [redacted] Baxter.

1645 – 3 Kings began reinstalling BMPs and site security and wrapping up site activities for the day.

1700 – GSI discussed returning trailer to gravel parking area at [redacted] Baxter with resident (Kyle). GSI indicated that some outstanding touch up items still needed to be finished up (gravel/mulch placement) that might require the trailer be temporarily moved again. GSI also indicated that site security would remain over the weekend and that trailer could be left as-is in construction staging area if resident was comfortable with it.

1705 – Security onsite. 3 Kings offsite. GSI offsite.

Outstanding Issues or Concerns

- Additional water line anticipated to be encountered during upcoming work at [redacted] Baxter. 3 Kings expecting to replace this section during RA activities.
- Warm weather may start to contribute to increased dust control concerns during RA activities.
- ACM material disposal

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Upcoming Planned Activities

- DU-09: Build shed, sod placement, planting, complete gate repair.
- DU-10: Final survey. Touch up backfilling as needed. Loose ends including fence reinstall, landscape edging, etc. Hydroseed, planting.
- Start excavation in front yards of [redacted] Baxter properties.

RA Day 10 Photographs

Photograph 1. Hole associated with apparent old power pole a[redacted] Baxter. Photo taken facing north.



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Photograph 2. Landscape weed control product placed along north side of [redacted] Baxter. Photo taken facing southwest.



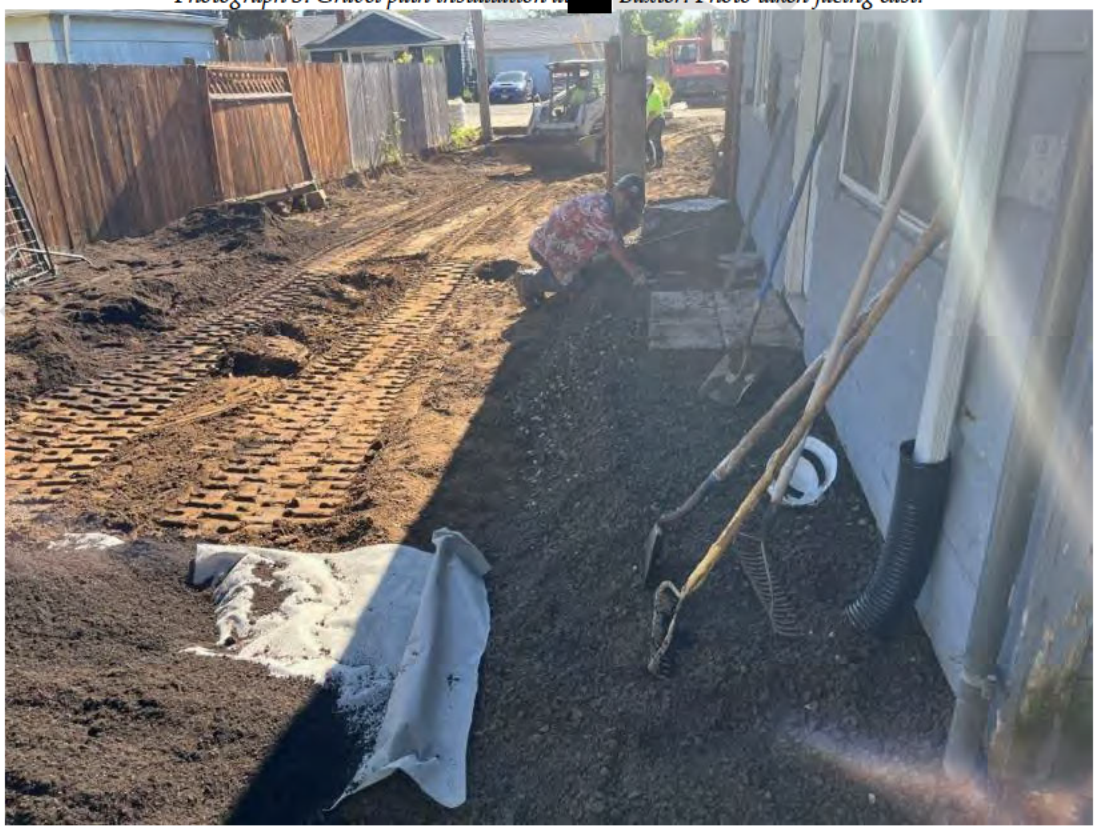
Photograph 3. Gravel placing along north side of [redacted] Baxter. Photo taken facing west.



Photograph 4. Mulch placed around fir tree CRZ at [redacted] Baxter. Photo taken facing southwest.



Photograph 5. Gravel path installation at [redacted] Baxter. Photo taken facing east.



Photograph 6. Demarcation fabric and gravel strip placing along south side of [redacted] Baxter. Photo taken facing west.



Photograph 7. Topsoil hand raking at [redacted] Baxter. Photo taken facing west.



Photograph 8. Gravel strip installation along south side of [redacted] Baxter. Photo taken facing east.



Photograph 9. Downspout drain line tie in to existing dry wells at [redacted] Baxter. Photo taken facing southwest.



Photograph 10. Compacting gravel strip at [redacted] Baxter. Photo taken facing east.



Photograph 11. Spot check air monitoring near earthwork activities. Photo taken facing northwest.



Photograph 12. Air monitoring upwind from RA activities. Photo taken facing south.



Photograph 13. Mulch and topsoil placement around ROW tree at [redacted] Baxter. Photo taken facing west.



Photograph 14. ROW wetting along Baxter street during RA activities. Photo taken facing south.



Photograph 15. Damaged section of concrete in driveway o[redacted] Baxter. Photo taken facing south.



Photograph 16. North side yard gate reinstall at [redacted] Baxter. Photo taken facing west.



Photograph 17. Demarcation fabric placement in front yard o[redacted] Baxter. Photo taken facing west.



Photograph 18. Gravel placement in ROW and [redacted] Baxter front yard. Photo taken facing southwest.



Photograph 19. Gravel compacting and topsoil placing along [redacted] Baxter. Photo taken facing west.



Photograph 20. Topsoil placing in front yard of [redacted] Baxter. Photo taken facing west.



Photograph 21. Surface restorations at [redacted] Baxter. Photo taken facing north.



Photograph 22. Demarcation fabric placement at [redacted] Baxter/ROW. Photo taken facing north.



Photograph 23. Gravel compaction in [redacted] Baxter front yard. Photo taken facing east.



Photograph 24. Removal of large dead branch at [redacted] Baxter prior to earthwork. Photo taken facing north.



Photograph 25.Covered area gates reinstalled at [redacted] Baxter. Photo taken facing south.



Photograph 26. Surface restoration progress at [redacted] Baxter. Photo taken facing southwest.



Photograph 27. Surface restoration progress at [redacted] Baxter. Photo taken facing west.



Photograph 28. Water meter monument reinstalled at [redacted] Baxter. Photo taken facing west.



Photograph 29. Pergola returned to [redacted] Baxter. Photo taken facing west.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #11 Date: May 13, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Sunny – 50s to 60s
PM: Sunny – 70s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 4 crew)
Rexius
Mid-State Industrial Service
Delta Sand & Gravel

Site Visitors

Organization and Name:
- Sarah Eagle – DEQ – Oversight
- NWFF (Scott, 1 crew)

Safety

Topics covered:
- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0700 – GSI staff (Julian) onsite. Partial 3 Kings crew onsite setting up. Larger excavator and some additional equipment being delivered to the site for upcoming earthwork. [redacted] Baxter tenants were observed to still be at property. Other residents for [redacted] and [redacted] Baxter appeared to have vacated properties the previous night in accordance with relocation agreements.

0812 – 3 Kings using hand tools to locate and identify the depth of NW Natural gas line in the front yard of [redacted] Baxter. Based off hand tool digging around marking flags, gas line appeared to be set at least 18 inches or greater below ground surface.

0815 - Daily tailgate/safety meeting. 3 Kings/GSI discussed BMPs, site security, safety/PPE, and SOW for day. Specific scope items discussed:

- 3 Kings plans to use excavators to stage and direct load front yard material from [redacted]5 Baxter first. Other crew will start hand tool CRZ excavations around trees located a[redacted] and [redacted] Baxter.

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- GSI inquired about 3 Kings implementing improved traffic control plans per previous conversations. 3 Kings waiting on additional direction for requirements. GSI highlighted that at a minimum, 3 Kings should be prepared to have their crew acting as flaggers during truck loading along Baxter and connecting street while additional TCP plans are finalized.
- 3 Kings discussed dry conditions and indicated they were prepared to wet ROWs and work zones as needed to provide dust control during RA activities.
- GSI requested PDF scans of all imported/exported material thus far. 3 Kings to work on compiling and sending over these documents.

0840 – 3 Kings using hand tools/excavator to find gas line at [redacted] Baxter prior to initiating removal work. GSI/3 Kings discussed marking boundaries of excavation depth areas at [redacted] Baxter. GSI suggested drawing line off southern fence to delineate ROW/2-foot depth excavation area and attempting to line up with previous ROW stakes along western edge of properties. 3 Kings crew unaware when surveyor would be onsite next to confirm backfill depths at [redacted] Baxter and possibly assist with marking ROW boundaries.

Sarah (DEQ) onsite to talk to residents of [redacted] Baxter.

0900 – DEQ/GSI performed walkthrough of restoration progress at [redacted] Baxter. DEQ pointed out two downspouts that were not tied in to drywells in the same way as other downspout drain lines at the property had been. DEQ suggested that 3 Kings do so or provide some other 'improvement' at base of downspouts to provide erosion protection. DEQ indicated that if this were significant enough of a task to warrant a change order that DEQ approval could be provided. GSI to check on pre-RA condition of downspouts and discuss.

DEQ indicated that [redacted] residents would like to begin planting in topsoil areas and place boulders saved on driveway. GSI informed DEQ that the backfill placement had not yet been surveyed and that some additional material placement could be expected in several areas including topsoil, gravel, and mulch. DEQ elected to inform residents to hold off on planting for now.

DEQ indicated they had contacted LRAPA and not heard back yet. DEQ said the potential ACM was not their jurisdiction and they were unclear on ACM requirements but concerned about a potential need for notifying them of suspected ACM material encountered at [redacted] Baxter. DEQ suggested that 3 Kings contact LRAPA and confirm disposal requirements and if removal of remaining pipe left in-place was required. GSI to confirm with DEQ that change order for 3 Kings to handle abatement, notification, and disposal is approved.

0945 – NWFF onsite to meet with Rexius during tilling of amendments at AP-01. 3 Kings loading 1X haul with material from [redacted] Baxter.

1000 – DEQ offsite to AP-01.

1010 – 3 Kings notified GSI that two downspout drain lines on north side of [redacted] Baxter tied into a drain rock trench that ran from east to west in the same vicinity as the sewer line at the property. 3 Kings prepared to reinstall these features to original conditions during restoration activities.

1020 – GSI reminded 3 Kings that BMPs were expected to be installed along any portions of the property where a potential offsite migration of soil/sediment could occur. 3 Kings planning on leaving vegetated buffer zone along work zone areas for now and aware they would need to install silt fence and/or other BMPs as bare soil is exposed.

1045 – GSI clarified confusion 3 Kings had regarding footing excavation depth, offset, and sloping requirements in accordance with scope plans.

3 Kings encountered NW Natural gas line approximately 2.5 - 3 feet to the south of [redacted] Baxter foundation. 3 Kings asked if they could avoid excavating material beneath gas line to avoid using hand tools and having to provide support for this section. GSI asked 3 Kings to perform footing excavations as shown in the scope memorandum (6-inch minimum removal, 12-inch wide bench, 1:1 to bottom of excavation at 24 inches) and remove as much material around pipe as possible. Based on the observed depth of the strip footings observed (6-8 inches on north side of structure, 4-6 inches on south side), GSI recommended 3 Kings only excavated the minimum required 6 inches prior to adding the bench/sloping to avoid undermining the foundation.

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1100 – Rexius crew onsite at AP-01 using tilling equipment to kill weeds and mix amendments into soil prior to application of hydroseed mix.

1140 – GSI observed 3 Kings excavating in vicinity of water line previously damaged at [redacted] Baxter and reminded operator to expect to encounter line again near the building in this area. 3 Kings to use hand tools to help find location of water line and prevent damaging. 3 Kings still planning on replacing section of line running from meter to building due to excessive corrosion.

1215 – Resident of [redacted] Baxter onsite to check on house. Resident indicated that in addition to the wood chips being placed in the front yard, they would now prefer to have sod in backyard of property replaced by a mulch and/or wood product as well. 3 Kings indicated that this change was still feasible for them and would not cause any billing issues per predefined contract terms.

Resident of [redacted] Baxter was unclear on what mulch product they may want for the backyard. Resident was able to confirm that LFP wood chip product was appropriate for the front yard and that they would be agreeable to this being selected for the backyard as well but they may add additional mulch on their own. [redacted] Baxter resident also wanted to speak to arborist to go over recommendations on where to plant fruit trees in the back yard of the property and what types of mulch may be best for the trees. GSI informed resident that the arborist was scheduled to be onsite at 1545 on the following day and that he may be able to offer guidance at that time, but that additional consultation was likely outside of the scope of services for the project. Resident to try be onsite during arborist visit.

1300 – GSI performed spot check air monitoring during RA activities. One reading collected immediately downwind from earthwork and a background reading collected from upwind to the north on Baxter street. Significant airborne dust not observed during earthwork activities on May 13.

1310 – NWFF placing pavers under south side gate at AP-01. NWFF confirmed they had installed tie downs for covered storage in south side yard.

1345 – 1X haul truck with soil from [redacted] Baxter offsite to landfill.

1400 – 3 Kings wetting ROW, soil staging, and earthwork extents with hose as preventative dust mitigation measure.

1430 – GSI asked if 3 Kings crew had attempted to schedule additional trucking due to observed downtime. 3 Kings crew were unaware if additional trucking had been attempted to be scheduled or not.

1445 – NWFF informed GSI they were done with activities at AP-01 for the day. NWFF indicated that Rexius was nearly complete with tilling/raking work for weed removal and that they would be completing this at 1000 tomorrow (May 14) prior to hydroseed application. NWFF also indicated that Rexius had tree planters scheduled for 1200 on May 14 and that hydroseed application would be occurring immediately after planting is completed.

NWFF said they had placed some pavers under the south side gate as requested but would be finalizing the configuration of these tomorrow (May 14). NWFF indicated that 3 Kings should have a gate pole onsite to install a locking mechanism on the south side yard gate at AP-01 and that they would confirm 3 Kings had acquired this.

1515 – 3 Kings continuing to excavate along south side yard/ROW at [redacted] Baxter. Excavating to 24 inches below ground surface within footprint of south side fence and to 6 inches below ground surface in ROW. 3 Kings using hand tools to remove additional material from inner side of ROW curb in this area.

1530 – GSI reminded 3 Kings that revamped BMPs were expected to be installed along all portions of the site where earthwork was being performed and potential offsite soil/sediment migration was possible. GSI reminded 3 Kings that improved curb inlet protection had been requested. 3 Kings to look into finding dedicated curb inlet protection to install in replacement of makeshift covers built during previous weeks. No revised TCP showing revised signage and BMPs has been submitted.

3 Kings indicated surveyor would likely be onsite on Wednesday, May 15 to perform final grade checks for [redacted] Baxter property.

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1550 – 3 Kings installing temporary BMPs and site security along extents of [redacted] Baxter. GSI observed that 3 Kings was installing security fence in the backyard of [redacted] Baxter immediately around the concrete slab area and not as previously discussed and shown on marked up site plans provided via email to 3 Kings. GSI asked why fence what not being installed according to agreed to plans and 3 Kings (Brett) indicated that they did not feel additional room for the tenants dogs was necessary.

GSI reiterated phasing and backyard security fence location email to 3 Kings and requested that fence be moved to agreed to location before tenants return. GSI also reiterated a strong preference for a sensible phasing approach to the back yards and suggested working from [redacted] Baxter south to avoid potential cross contamination concerns when handling soil. 3 Kings indicated they would generally be following a similar approach to that discussed in phasing emails.

1630 – NW Natural utility locator onsite providing touch up marking for gas lines at [redacted] through [redacted] Baxter. Security onsite.

1640 – 3 Kings indicated that they were still expecting two trucks onsite any minute to be 'preloaded' for hauling to landfill the next morning. 1X 3 Kings truck which would be staged at the project site overnight, and 1X Delta truck which would be taken to Delta's yard overnight. 3 Kings confirmed Delta truck would be taking this material to landfill and providing waste invoice as required.

3 Kings indicated that they were unable to schedule truck & trailers for the project due to truck drivers indicating an inability to access Baxter street due to tight ROWs.

1700 – Street sweeper onsite cleaning private drive/ROWs.

1710 – Security onsite. 3 Kings placing tarp covering over remaining stockpiled soil at [redacted] Baxter after loading last two trucks. GSI confirmed with 3 Kings that they could send over all invoices of exported/imported materials thus far for tracking purposes – 3 Kings to do so tonight.

1730 – 3 Kings offsite. GSI offsite.

Truck Count for 5/13:

12 truck loads transported to landfill. 1 3 Kings and 1 Delta truck 'preloaded' and staged onsite for transport first thing in the morning.

Outstanding Issues or Concerns

- Additional water line encountered during front yard excavations at [redacted] Baxter. 3 Kings expecting to replace this section during RA activities.
- Warm weather forecasted for the remainder of the week may contribute to dust control concerns during RA activities.
- ACM material disposal

Upcoming Planned Activities

- DU-09: Build shed, sod placement, planting, complete gate repair.
- DU-10: Final survey. Touch up backfilling as needed. Loose ends including fence reinstall, landscape edging, etc. Hydroseed, planting.
- DU-11, DU-15, SO-07: Continue initial RA activities in front yards of these properties.

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RA Day 11 Photographs

Photograph 1. Downspout initially missing drain line after backfill placement [redacted] Baxter. Photo taken facing northwest.



Photograph 2. Start of front yard excavation and truck loading at [redacted] Baxter. Photo taken facing east.



Photograph 3. Manual excavation field truthing at [redacted] Baxter. Photo taken facing north.



Photograph 4. Marked transition of 12 inch to 24 inch excavation depth at [redacted] Baxter. Photo taken facing west.



Photograph 5. Footing excavation at [redacted] Baxter. Photo taken facing southwest.



Photograph 6. Manual excavation depth field truthing [redacted] Baxter. Photo taken facing west.



Photograph 7. Exisiting drain line and french drain at [redacted] Baxter. Photo taken facing southwest.



Photograph 8. Installed curb inlet BMPs in need of replacement. Photo taken facing south.



Photograph 9. Gas line uncovered at [redacted] Baxter. Photo taken facing northwest.



Photograph 10. Footing depth check at [redacted] Baxter. Photo taken facing north.



Photograph 11. Footing excavation along gas line at [redacted] Baxter. Photo taken facing northwest.



Photograph 12. Amendment tilling into loam at [redacted] Alva Park. Photo taken facing southwest.



Photograph 13. Tilling in backyard at [redacted] Alva Park. Photo taken facing southwest.



Photograph 14. Completed fence repair at [redacted] Alva Park. Photo taken facing northwest.



Photograph 15. Spot check air monitoring near earthwork. Photo taken facing north.



Photograph 16. Background air monitoring upwind from earthwork. Photo taken facing south.



Photograph 17. Water line encountered at [redacted] Baxter. Photo taken facing south.



Photograph 18. Continued footing excavation along gas line at [redacted] Baxter. Photo taken facing north.



Photograph 19. Amendment tilling complete at [redacted] Alva Park. Photo taken facing northwest.



Photograph 20. NWFF installing pavers per resident request at [redacted] Alva Park. Photo taken facing west.



Photograph 21. Baxter roadway wetting for dust control. Photo taken facing north.



Photograph 22. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing south.



Photograph 23. South side ROW excavations adjacent to [redacted] Baxter. Photograph taken facing west.



Photograph 24.Security fence installed along back porch of [redacted] Baxter. Photo taken facing northwest.



Photograph 25. Water line to be replaced at [redacted] Baxter. Photo taken facing southwest.



Photograph 26. Footing excavation along gas line at [redacted] Baxter. Photo taken facing east.



Photograph 27. BMPs installed at [redacted] Baxter overnight. Photo taken facing northeast.



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OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #12 Date: May 14, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Partly Cloudy – 50s to 60s
PM: Sunny – 70s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter, Chris Martin)
3 Kings (Brett, Adrianna, Shane, 4 crew)
Rexius
Mid-State Industrial Service
Delta Sand & Gravel
Spade Tree Preservation

Site Visitors

Organization and Name:
- Sarah Eagle, Dylan Darling, Intern – DEQ – Oversight
- NWFF (Scott, 1 crew)
- Reese landscaping

Safety

Topics covered:
- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0700 – GSI staff (Julian) onsite. 3 Kings crew onsite prepping equipment. Daily tailgate/safety meeting. Specific scope items discussed for May 14 included:

- 3 Kings intending to complete removal activities in the front yard of [redacted] Baxter and begin excavation at [redacted] Baxter, primarily focusing on CRZ hand tool excavation areas.
- 3 Kings to reinstall chain link fence along south side of [redacted] Baxter bordering [redacted] Baxter gravel area.
- 3 Kings to finish side yard gate repair at [redacted] Baxter.
- 3 Kings confirmed that they were unable to secure truck and trailer hauling due to limited access along Baxter Street but had solo trucks scheduled to start arriving at 700.
- 3 Kings requested confirmation on planned mulch material for the backyard of [redacted] Baxter – GSI to confirm arborist recommended Playaway Fiber Chips product from LFP will be acceptable.

0740 – 1X 3 Kings haul truck onsite after delivering preload soil. Loaded for landfill.

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0750 – GSI observed that two remaining downspouts at [redacted] Baxter appeared to have been previously tied into drain lines that discharged to makeshift drywells. These connections had not been restored during backfilling at the property. GSI indicated this to 3 Kings who confirmed they would return to tie in downspouts to match previous conditions.

3 Kings indicated they were not aware of landscape edging requirements at borders of gravel/topsoil during restoration. GSI pointed 3 Kings to RFB and restoration requirements that discuss this. 3 Kings requested red line updates to scope memos/figures to assist with RA activities due to encountered changes at properties. GSI to update memos figures for reference if possible.

3 Kings informed GSI that as of May 14 they had hauled 537 tons of contaminated soil to the landfill. 3 Kings having trouble scanning/uploading individual disposal receipts but indicated they would continue to verbally share daily volume tracking moving forward.

0820 – 1X Delta haul truck offsite to landfill. GSI reiterated landscape edging requirement to 3 Kings and pointed them to RFB scope.

0830 – 3 Kings using mini excavator to carefully assist with removing CRZ soil at [redacted] Baxter. 3 Kings operators watching for significant roots and switching to hand tool excavation methods when encountered. 3 Kings using hand tools to trace out large diameter roots from tree base and remove as much material as possible without damaging or undermining the root structures.

0845 – Chris M. (GSI) onsite to observe RA progress and discuss some scope items with 3 Kings.

0858 – 1X haul truck onsite – loaded with soil for transport to landfill.

0915 – DEQ (Sarah, Dylan D., and intern) onsite to observe RA progress at current and previous phase properties. DEQ/GSI/3 Kings discussed several outstanding project items and planned scope of work for the remainder of the week. DEQ requested additional photo documentation highlighting any sewer line encountered at [redacted] Baxter and documenting any potential repairs to provide this information to the property owner. 3 Kings indicated that Reese landscaping onsite to observe properties slated for hydroseed and/or sod placement and provide estimate to 3 Kings.

0935 – GSI/DEQ observed progress on restoration items at AP-01 (242 Alva Park) property. GSI indicated that currently installed silt fence could be removed upon application of hydroseed due to reduced erosion concerns.

0950 – Reese landscaping onsite meeting with 3 Kings regarding potential hydroseed/sod work.

1008 – Reese landscaping offsite. 3 Kings continuing to reinstall fence along south side of [redacted] Baxter bordering [redacted] gravel area.

1025 – GSI met with 3 Kings to rediscuss some outstanding project requirements including updates to TCP, improving BMPs, and project phasing for upcoming work.

1050 – DEQ informed GSI that trees delivered to AP-01 were 5-gallon rather than 10-gallon size specified. DEQ to discuss change with residents and see if 10-gallon plant size are available for the delivered varieties. NWFF began removing silt fence from property and resetting pavers under side yard gates.

1105 – GSI asked 3 Kings to perform some roadway and RA area wetting due to some intermittent airborne dust observed from vehicle and/or equipment traffic.

1120 – 2X trucks offsite to landfill.

1135 – 3 Kings wetting roadways and earthwork areas with water trailer. GSI/3 Kings discussed project schedule and if front yards were still on track to be completed by Friday, May 17. 3 Kings indicated that they still felt that the front yards of [redacted], and [redacted] Baxter were set to be substantially complete by EOD Friday.

1210 – Chris M. offsite.

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1300 – Rexius onsite at AP-01 and prepping to start applying hydroseed mix.

1330 – GSI observed that 3 Kings operator had been over excavating part of [redacted] Baxter (south side front yard) to a depth of 24 inches, rather than the 12-inch depth required. 3 Kings operator indicated he had believed he was still working within [redacted] Baxter's property boundaries. GSI revisited RA soil removal depths in this area with 3 Kings and indicated to only remove soil to the required grades moving forward.

GSI observed section of steel sewer pipe running east-west in the bottom of the excavation at [redacted] Baxter. The pipe appeared in good condition with no apparent signs of damage due to earthwork activities.

1345 – 1X haul truck onsite and being loaded for material transport to landfill.

GSI performed spot check air monitoring downwind from material loading/earthwork activities and upwind from project site to monitor ambient conditions for comparison purposes. Some intermittent airborne dust observed during equipment/vehicle traffic along roadways. 3 Kings continued to periodically wet working areas to help limit airborne dust.

1400 – NWFF informed GSI that Rexius would be unable to finish hydroseed application at AP-01 due to some equipment issues (hose issue on vacuum line). Rexius scheduled for 1000 on the following morning (May 15) to complete hydroseed application.

1410 – 2X Delta haul trucks loaded with contaminated soil and offsite for transport to landfill.

1430 – 3 Kings continuing ROW excavations at [redacted] Baxter with mini-excavator and wetting roadway to provide dust mitigation. GSI observed some slight damage to larger roots near drip line of ROW tree at [redacted] Baxter caused by apparent excavator work. GSI asked 3 Kings operator to use extra caution in these areas and switch to hand tools or other low impact methods if needed.

1450 – 3 Kings began reinstalling downspout drain line at southeast corner of [redacted] Baxter.

1500 – 3 Kings and Delta haul trucks back onsite. Delta trucks loaded for transport to landfill, 3 Kings truck to be 'preloaded' and staged on site for delivery the following day

1540 – Cory (Spade Tree Preservation) onsite to observe CRZ excavation progress at [redacted] Baxter and offer guidance. Spade indicated that overall excavation approach looked good thus far. Spade marked out approximate preferred backfilling depth around the fir tree base. Spade indicated 3 Kings should continue using hand tools along large structural roots and ensure that they don't remove material beyond a depth that might undermine these roots. Spade recommended the same approach be carried over to the maple tree at [redacted] Baxter. Due to warm, dry, and sunny weather, Spade recommended wetting CRZ at EOD and placing demarcation fabric over excavated areas to prevent sun damage to sensitive areas prior to backfilling.

Arborist provided input on a recommended mulch product for the backyard of [redacted] Baxter due to resident interest in changing a portion of the backyard from sod to mulch. Arborist recommended LFP 'Playaway Bark Chips' product as being good for the anticipated tree plantings in this yard while also having more fines than the 'Wood Chips' product and being more suitable for foot/animal use.

1600 – Spade Tree Preservation offsite.

1603 – 3 Kings removed section of water line from meter to house at [redacted] Baxter– to be replaced. GSI observed that 3 Kings had installed a downspout splash block at [redacted] Baxter downspout on east side of building near the driveway. GSI reminded 3 Kings that this downspout had previously had a drain line tied into a drywell located in the front yard and that GSI would either need to confirm with residents that the change is acceptable or 3 Kings should return this drainage feature to pre-construction condition.

3 Kings preloading truck for transport to landfill first thing in the morning.

1700 -DEQ (Sarah) onsite. DEQ pointed out a damaged fabric planter in the driveway of [redacted] that had apparently been broken during RA activities. 3 Kings indicated they were aware of this and would replace.

GSI/DEQ discussed an area on the southern side [redacted] Baxter mistakenly marked as soil for removal on the site plan but actually covered in a hardscaped asphalt surface. GSI recommended the asphaltic concrete be

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left as is and not attempting to perform soil removal in this area. GSI indicated that tying in gravel backfill placed in the remainder of the area would still occur according to project requirements. DEQ agreed with consensus to leave asphalt area in place. DEQ reiterated need for additional documentation of work around sewer line at [redacted] Baxter.

3 Kings installing replacement water line (PEX material) at [redacted] Baxter from meter to household.

1710 – Street sweeper onsite. GSI asked 3 Kings to install tracer wire along with water line replacement at [redacted] Baxter – 3 Kings to do so at all remaining water lines if replaced.

1735 – Security onsite. GSI/3 Kings offsite.

Truck Count:

14 total loads offsite to landfill (One 3 Kings/One Delta truck hauled preloaded soil from day before. Three 3 Kings loads and 11 Delta loads. One 3 Kings truck preloaded and staged onsite for transport first thing in the morning.

3 Kings truck hauls approximately 18 tons per load.

Delta trucks haul approximately 13 - 15 tons per load.

Outstanding Issues or Concerns

- Additional water lines may be encountered in front yards of [redacted] and [redacted] Baxter during earthwork. 3 Kings aware additional water lines may require replacement if encountered.
- Warm weather may contribute to additional dust control concerns during RA activities.
- ACM material disposal

Upcoming Planned Activities

- DU-09: Build shed, sod placement, planting.
- DU-10: Touch up backfilling as needed. Fix damaged concrete in driveway, hydroseed application, planting.
- DU-11: Complete front yard excavation, begin backfilling.
- DU-15: Complete front yard excavation, begin backfilling.
- SO-07: Start front yard excavation.

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RA Day 12 Photographs

Photograph 1. Haul truck loading along Baxter Street. Photo taken facing south.



Photograph 2. Hand tool soil removal within CRZ of fir tree at [redacted] Baxter. Photo taken facing south.



Photograph 3. Excavation progress at [redacted] Baxter. Photo taken facing east.



Photograph 4. Manual excavation depth field truthing within CRZ of fir tree. Photo taken facing southwest.



Photograph 5. Hand tool excavation along larger roots of fir tree at [redacted] Baxter. Photo taken facing southwest.



Photograph 6. Fence reinstallation at [redacted] Baxter. Photo taken facing west.



Photograph 7. Baxter roadway wetting for airborne dust prevention. Photo taken facing south.



Photograph 8. Excavation progress at [redacted] Baxter. Photo taken facing north.



Photograph 9. [redacted] Baxter fence reinstalled. Photo taken facing southwest.



Photograph 10. Planting completed at [redacted] Alva Park. Photo taken facing west.



Photograph 11. Planting completed at [redacted] Alva Park. Photo taken facing west.



Photograph 12. Portion of [redacted] Baxter overexcavated to 24 inches (right half of frame). Photo taken facing west.



Photograph 13. Spot check air monitoring near earthwork. Photo taken facing north.



Photograph 14. Background air monitoring upwind from earthwork. Photo taken facing south.



Photograph 15. Start of hydroseed application at [redacted] Alva Park. Photo taken facing north.



Photograph 16. Excavation progress at [redacted] Baxter. Photo taken facing east.



Photograph 17. Landscape edging installation at [redacted] Baxter. Photo taken facing west.



Photograph 18. Grade checking and overexcavated area [redacted] Baxter (left of white marks). Photo taken facing east.



Photograph 19. Manual excavation depth field truthing in ROW. Photo taken facing south.



Photograph 20. Sewer line observed in bottom of excavation at [redacted] Baxter. Photo taken facing north.



Photograph 21. CRZ excavtion progress at [redacted] Baxter. Photo taken facing north.



Photograph 22. Downspout drain line installation at [redacted] Baxter. Photo taken facing north.



Photograph 23. Arborist CRZ progress observation and recommended backfill depth marking. Photo taken facing south.



Photograph 24. Excavation progress at [redacted] Baxter. Photo taken facing west.



Photograph 25. Manual excavation depth field truthing [redacted] Baxter. Photo taken facing west.



Photograph 26. Water line replacement at [redacted] Baxter. Photo taken facing east.



Photograph 27. Damaged planter bag at [redacted] Baxter. Photo taken facing northeast.



Photograph 28. Water line reconnected at [redacted] Baxter. Photo taken facing east.



Photograph 29. Landscape edging installed along [redacted] Baxter. Photo taken facing northwest.



Photograph 30. Gate repair completed at [redacted] Baxter. Photo taken facing north.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #13 Date: May 15, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Sunny – 50s
PM: Partly Cloudy – 70s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 4 crew)
Mid-State Industrial Service
Delta Sand & Gravel
Spade Tree Preservation

Site Visitors

Organization and Name:
- Sarah Eagle – DEQ – Oversight
- NWFF (Scott)

Safety

Topics covered:
- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0700 – GSI staff (Julian) onsite. 3 Kings crew onsite. Delta haul trucks arriving to site. Daily tailgate/safety meeting. Specific project scope items discussed included:

- GSI reiterated requirements of CRZ to 3 Kings at [redacted] and [redacted] Baxter. GSI indicated that irrigation lines were expected to be encountered during earthwork in the front yard of [redacted] Baxter and that 3 Kings should be prepared to fix and/or replace these as necessary. 3 Kings aware of irrigation and will restore in accordance with project requirements.
- 3 Kings indicated that 4X Delta trucks were hauling loads to the landfill today in addition to the 3 Kings haul truck.
- 3 Kings indicated they would be focusing efforts on completing soil removal from the front yards of [redacted] and [redacted] Baxter.

0745 – 3 Kings began loading haul trucks with material from front yard of [redacted] Baxter. 1X 3 Kings truck back onsite after delivering 'preloaded' material from prior day to landfill first thing in the morning.

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3 Kings began using another excavator to start removing material in the front yard of [redacted] Baxter. Irrigation line anticipated to be encountered in this area being hit/damaged during excavator work. Due to scoped gravel backfill for the south side of the front yard at [redacted] Baxter, GSI indicated that 3 Kings likely did not need to replace any lines and could just cap encountered PVC pipe where it enters this area to the south of the garage. GSI to discuss with DEQ/resident to confirm. For the northern portion of the front yard, GSI indicated that the exact configuration of the irrigation lines was not critical, as long as 3 Kings documented the replacement and reinstalled sprinkler heads in their preconstruction locations. 3 Kings indicated they were familiar with irrigation installations and the replacements should be straightforward.

0830 – 3 Kings began hand digging to reinstall remaining downspout drain line at [redacted] Baxter to match pre-con conditions. GSI showed 3 Kings pictures to help laborer determine location of existing drain rock for line tie-in.

0900 – GSI observed that 3 Kings crew began removing portion of fence line along the southern portion of [redacted] Baxter. 3 Kings crew indicated they were directed to start excavating in the backyard of [redacted] Baxter. GSI unaware of these plans until this point.

GSI pointed out areas of the ROW bordering the front yard that needed some additional touch up excavations around sign, water meter, and mailboxes. 3 Kings to circle back and remove additional material as needed to meet project requirements.

0910 – GSI asked 3 Kings project manager (Brett) about plans regarding pivot to working in backyard of [redacted] Baxter. Brett indicated that he was hoping to keep soil moving due to the amount of scheduled trucks for today. GSI reminded 3 Kings of the agreed to schedule and anticipated scope of work focused on completing the front yards of the properties and that plans to enter the back yards were not expected. Brett confirmed 3 Kings would still be on track to complete front yards of [redacted] Baxter by the end of the week. Brett said he had discussed accessing the backyard with Madeleine (tenant at [redacted] and received her OK to remove fence. GSI reiterated that project related decisions affecting the residents should be discussed with and handled by GSI/DEQ and that the tenants at [redacted] Baxter were not the property owners and therefore could not provide access approval. GSI (Julian) asked if Brett had notified Chris M. (GSI project manager) and/or DEQ of these plans and received approval and he indicated he had. Brett indicated that 3 Kings intended to remove the majority of material from backyard of [redacted] Baxter property if possible and that they would leave a haul road and vegetated strip for soil transport/erosion control. GSI suggested 3 Kings continue to consider effective soil handling and possibly excavating these properties from north to south to prevent cross contamination issues. Brett indicated that the surveyor visit expected today was cancelled to avoid half days and that he would be onsite to survey areas prior to backfilling on Thursday. Julian notified Chris M. of changes in work being proposed.

0930 – 3 Kings informed GSI they may not be able to acquire all of the required loam backfill from Rexius to complete front yards. GSI reminded 3 Kings that loam from LFP was also approved for placement as clean fill and that topsoil from Delta Sand & Gravel could be used to supplement import materials if properly amended with Rexius topsoil per project specifications.

0940 – 3 Kings continuing to encounter irrigation line in front yard of [redacted] Baxter. GSI confirmed 3 Kings tracking line configurations/sprinkler head locations to sufficiently restore line configurations as required.

0945 – GSI discussed internally and with DEQ and confirmed that no prior notice had been given to GSI/DEQ staff prior to 3 Kings accessing backyard of [redacted] Baxter. 3 Kings provided GSI with email notification of plans shortly after initiating work in backyard of property. GSI notified DEQ of the change in work plans by 3 Kings.

1000 – DEQ (Sarah) onsite to observe hydroseed application at [redacted] Alva Park (AP-01). DEQ made aware of 3 King's changes in earthwork plans and start to excavation work in backyard of [redacted] Baxter. DEQ/GSI discussed irrigation line being encountered at [redacted] Baxter and required restoration efforts according to pre-construction conversations with resident. DEQ to reach out to resident to confirm capping and not replacing any irrigation line in the south portion of the front yard at [redacted] Baxter acceptable to resident. DEQ confirmed that signed access agreement had been acquired for Alva Park property bordering [redacted] Baxter but no plans made to reschedule walkthrough to observe fence likely needing reinforcement. Due to unanticipated start to work in the backyard of [redacted] Baxter, GSI recommended scheduling access for 3 Kings to observe fence as soon as possible.

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1030 – 3 Kings loading Delta haul trucks with material from backyard of [redacted] Baxter for transport to landfill.

1042 – DEQ at AP-01 to observe seeding activities.

1125 – 2X Haul trucks onsite and being loaded for transport to landfill.

1205 – 3 Kings encountering some larger diameter roots on [redacted] Baxter side of fence near fir tree located at [redacted] Baxter. 3 Kings used a combination of careful soil removal with mini excavator and hand tool methods to remove as much soil to depth around these roots without undermining their structural integrity.

1235 – DEQ confirmed proposed irrigation line capping on south side of front yard at [redacted] Baxter was OK with residents. DEQ expressed concern about 3 Kings excavating in backyard of [redacted] Baxter along already unstable fence. GSI relayed that 3 Kings intended to stay approximately 2 feet off of fence line for the time being until access to adjoining Alva Park property is finalized and 3 Kings can provide additional fence support. DEQ/GSI observed small patch of damaged asphalt driveway at [redacted] Baxter – patch may be small enough to tie in with gravel backfill or repair with cold patch. DEQ requested update on [redacted] Baxter status by EOD due to change in earthwork plans.

1240 – GSI observed that requested updated BMPs and catch basin inserts hadn't been installed yet. GSI reminded 3 Kings crew to try find proper curbline inserts for Baxter – Alva Park cross street.

1255 – GSI observed that hydroseed application at [redacted] Alva Park appeared to be complete. Rexius/NWFF offsite.

1315 – Tenants for [redacted] Baxter observed onsite. GSI observed larger diameter (1-2") fir tree root just outside of drip line at [redacted] Baxter that had been significantly damaged. GSI asked 3 Kings to cut root off cleanly in accordance with arborist recommendations.

1320 – 1X Delta haul truck onsite. GSI observed that 3 Kings was encountering a significant number of smaller roots near drip line of maple tree while excavating. GSI indicated to 3 Kings that due to the number of smaller roots being observed, 3 Kings should consider switching to hand tools in accordance with arborist recommendations for any continued excavation work moving within the drip line.

GSI observed damaged apparent clean out at [redacted] Baxter. The clean out was buried and appeared to be in line with the current sewer line and was encountered near the western border of the property adjoining the ROW. GSI asked 3 Kings about this who indicated they had temporarily placed a pipe cap in the clean out and they could likely tie the current cleanout into a 6-inch standpipe with a new cleanout access at finish grade. GSI to discuss with DEQ and internally and confirm proposed repair approach acceptable.

1335 – Delta and 3 Kings trucks onsite and loaded for transport to landfill.

1345 – 3 Kings began installing landscape edging at gravel/topsoil interface in north side yard of [redacted] Baxter.

GSI performed spot check air monitoring downwind from material loading/earthwork activities and upwind from project site to monitor ambient conditions for comparison purposes. Some intermittent airborne dust observed during equipment/vehicle traffic along roadways. GSI reminded 3 Kings to periodically perform wetting of roadways and working areas to help limit airborne dust.

1420 – 3 Kings wetting ROWs and work zones for dust control. 3 Kings continuing to excavate and load material from backyard of 215 Baxter for transport to landfill.

1430 – 3 Kings encountered and damaged existing water line running from the meter to the household in the front yard of [redacted] Baxter. GSI observed that during excavation of the water line, which was within the drip line of the maple tree at [redacted] Baxter, 3 Kings had hit significant amounts of roots, some of which were larger diameter (up to 1 – 2 inch diameter). An apparent root mat consisting of dense near surface roots was observed throughout the current excavation limits near the drip line of the maple tree. GSI expressed concern about the number of roots that 3 Kings were encountering and asked operators to hold off on additional excavation, or only use low impact methods, within the drip line. GSI contacted Spade Tree Preservation to have arborist visit site, observe root damage extents, and offer additional guidance to 3 Kings.

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1545 – Spade Tree Preservation (Cory) onsite. Spade expressed concern about some potential substantial root damage already caused due to excavation work around maple tree at [redacted] Baxter. Spade indicated that although the majority of the roots that 3 Kings had been encountering were small (< 1-inch diameter), the quantity of roots being encountered comprising the near surface root mat would already place significant stress on the tree. Spade indicated that the soil to the south of the water line could still be removed with an excavator to 12 inches deep as all roots within this area would already have been cut off and were no longer connected to the tree. For the remainder of the CRZ, Spade stressed that only low impact methods such as careful hand tooling or use of an air knife for soil removal should be used. Spade said not to excavate deeper than 6 inches within the footprint of the CRZ to prevent further stress on the tree and indicated that due to the thick root mat, excavation depths of only 2 – 4 inches may be the maximum depths achievable in some areas. Spade indicated that this tree was not in the City ROW and could potentially be removed and replaced to facilitate soil removal. GSI indicated that residents would like to keep this tree and that 3 Kings would need to work around as carefully as possible to try limit further damage. Spade recommended discussing a dedicated watering program for all trees impacted by RA activities with the residents due to warm/dry weather.

Spade observed some scraping damage to larger roots at [redacted] Baxter. Spade not too concerned with this damage as it appeared surficial and did not impact the majority of the root structures.

1615 – Spade Tree Preservation offsite. Spade to follow up with summary email discussing observations and recommendations for watering and tree care following restoration activities.

1625 – 3 Kings began replacing the damaged section of water line at [redacted] Baxter. 3 Kings reinstalling site security at [redacted] Baxter.

1635 – GSI observed 3 Kings over excavating to approximately 12 inches below grade in portion of ROW at [redacted] Baxter. GSI reminded 3 Kings operator that an excavation depth of 6 inches was all that was required here.

1650 – 3 Kings indicated they had encountered some additional drain line in the back yard of [redacted] Baxter. GSI observed that the drain line could possibly be associated with a leech field for a septic system at the property. GSI also observed what appeared to be a portion of septic system lid near the back porch of [redacted] Baxter. 3 Kings said they had initially thought the concrete was associated with a step but now believed it may be a septic system. The concrete lid appeared to be approximately 3.5 feet in width and extended under the current surface slab in the properties back yard. At the current excavation grade, it was unclear if the observed drain line tied into the potential septic system or not. 3 Kings to remove additional soil around the concrete to confirm if it appears to be septic system or some other concrete structure.

1700 – Security onsite. Street sweeper onsite. 3 Kings preloading haul truck with material from [redacted] Baxter for disposal at landfill.

1745 – 3 Kings continuing to preload truck with material from the backyard of [redacted] Baxter. Truck to be staged onsite and deliver soil to landfill first thing in the morning.

1750 – GSI offsite. 3 Kings offsite.

Truck Count:

Approximately 15 loads offsite to landfill. Three 3 Kings loads and 12 Delta loads. One 3 Kings truck 'preloaded' and staged onsite for transport first thing in the morning.

Outstanding Issues or Concerns

- Additional water line encountered at [redacted] Baxter and expected to be encountered at [redacted] Baxter during earthwork. 3 Kings aware additional water lines may require replacement if encountered.
- Warm weather may contribute to additional dust control concerns during RA activities.
- Likely septic system encountered at [redacted] Baxter
- ACM material disposal

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Upcoming Planned Activities

- DU-09: Build shed, sod placement, planting.
- DU-10: Touch up backfilling as needed. Fix damaged concrete in driveway, hydroseed application, planting.
- DU-11: Complete front yard excavation, fix cleanout, tie in downspout drain lines, begin backfilling.
- DU-15: Complete front yard excavation, begin backfilling.
- SO-07: Complete front yard excavation, begin backfilling.

RA Day 13 Photographs

Photograph 1. Irrigation line encountered on the south side o[redacted] Baxter's front yard. Photo taken facing southwest.



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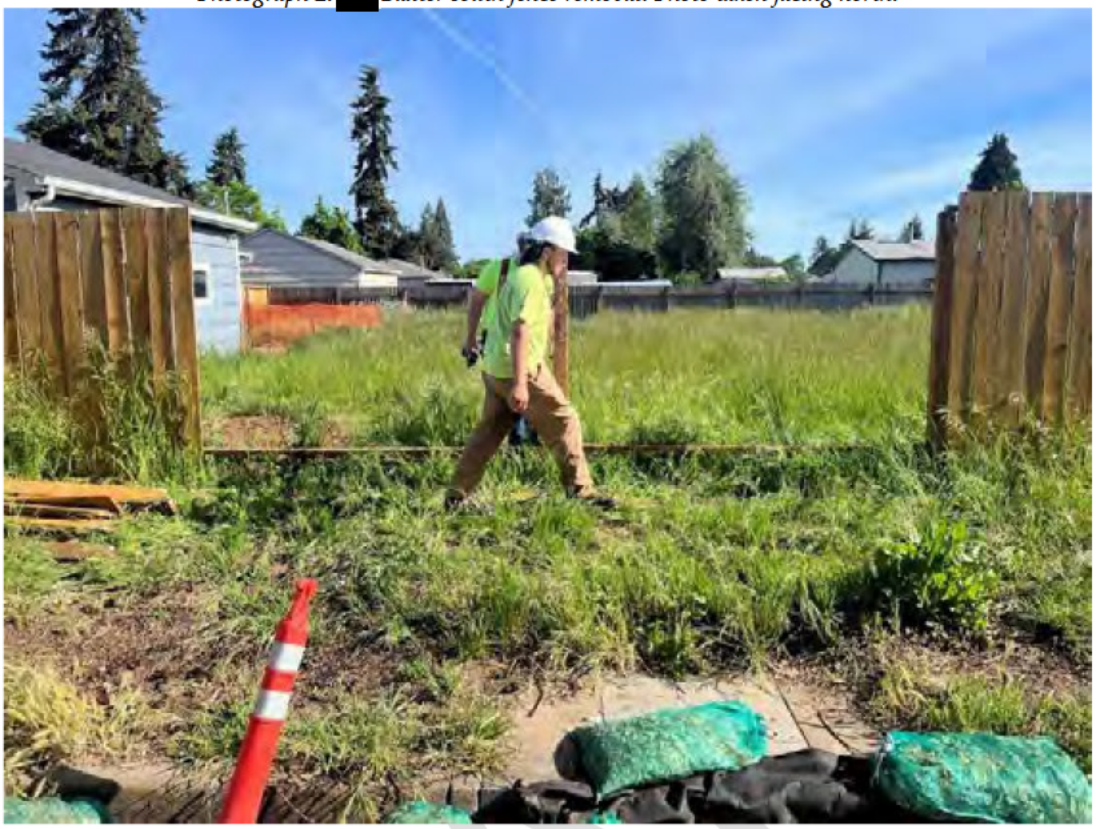
Photograph 2. [redacted] Baxter south fence removal. Photo taken facing north.



Photograph 3. Areas in ROW at south end of [redacted] Baxter requiring follow up excavation. Photo taken facing south.



Photograph 4. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing west.



Photograph 5. Irrigation lines encountered in front yard o[redacted] Baxter. Photo taken facing south.



Photograph 6. Surface cover removal at [redacted] Baxter. Photo taken facing northwest.



Photograph 7. Likely septic system lid encountered at [redacted] Baxter. Photo taken facing south.



Photograph 8. Existing downspout drain line and apparent french drain at [redacted] Baxter. Photo taken facing west.



Photograph 9. Clean up excavation work in ROW and around mailboxes at [redacted] Baxter. Photo taken facing south.



Photograph 10. Irrigation line on south side of front yard at [redacted] Baxter to be capped. Photo taken facing southeast.



Photograph 11. Hand tool excavation around mailboxes at [redacted] Baxter. Photo taken facing north.



Photograph 12. Excavation in back yard of [redacted] Baxter. Photo taken facing northeast.



Photograph 13. Damaged section of asphalt paving in front yard o[redacted] Baxter. Photo taken facing west.



Photograph 14. Excavation progress at [redacted] Baxter. Photo taken facing northwest.



Photograph 15. Excavtion offset from already leaning fence line at [redacted] Baxter. Photo taken facing south.



Photograph 16. Completed hydroseed application at [redacted] Alva Park. Photo taken facing southwest.



Photograph 17. Damaged fir tree root cut off per arborist recommendations. Photo taken facing southwest.



Photograph 18. Broken clean out cap encountered at [redacted] Baxter. Photo taken facing east.



Photograph 19. Spot check air monitoring near earthwork activities. Photo taken facing north.



Photograph 20. Background air monitoring upwind from RA activities. Photo taken facing south.



Photograph 21. Landscape edging installation in north side yard of [redacted] Baxter. Photo taken facing west.



Photograph 22. Excavation at [redacted] Baxter, damaged water line, and damaged roots. Photo taken facing south.



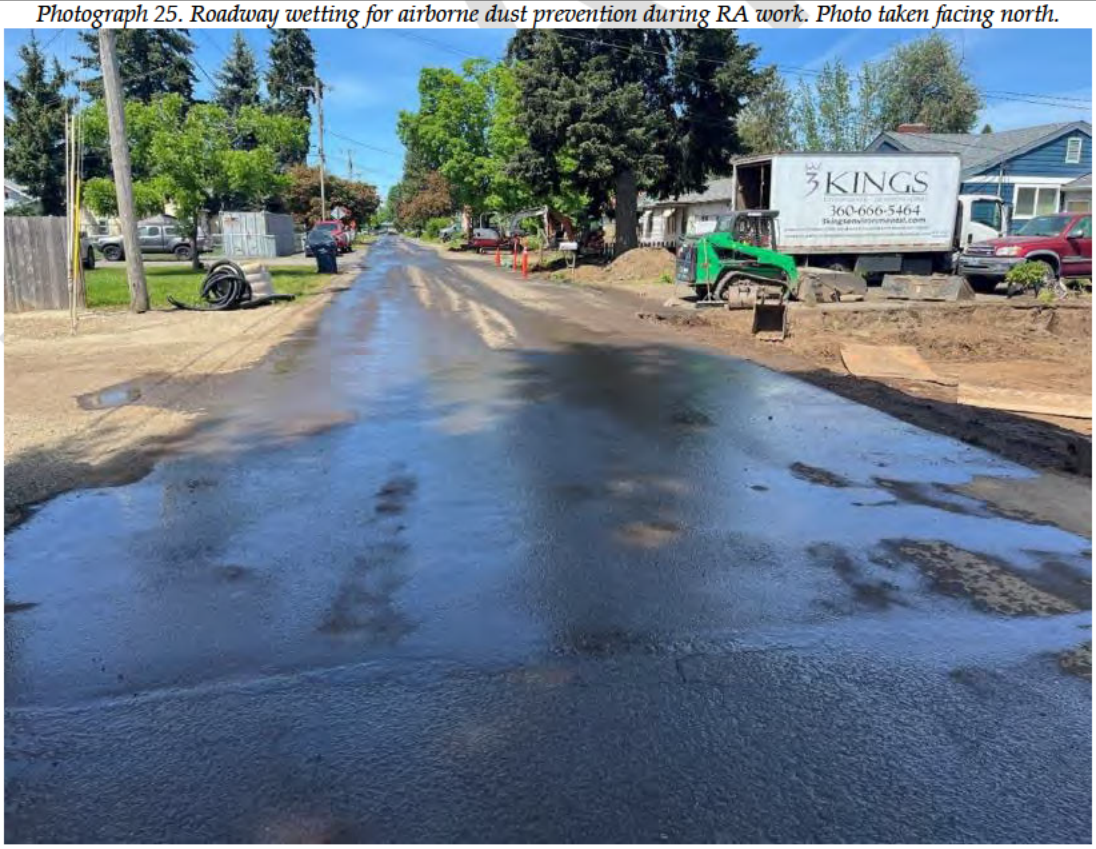
Photograph 23. Damaged water line at [redacted] Baxter. Photo taken facing west.



Photograph 24. Root mat damaged due to excavator work at [redacted] Baxter. Photo taken facing west.



Photograph 25. Roadway wetting for airborne dust prevention during RA work. Photo taken facing north.



Photograph 26. Tracer line installed on water line replacement at [redacted] Baxter. Photo taken facing east.



Photograph 27. Landscape edging installed at [redacted] Baxter. Photo taken facing southeast.



Photograph 28. Damaged meter box and roots at [redacted] Baxter. Photo taken facing east.



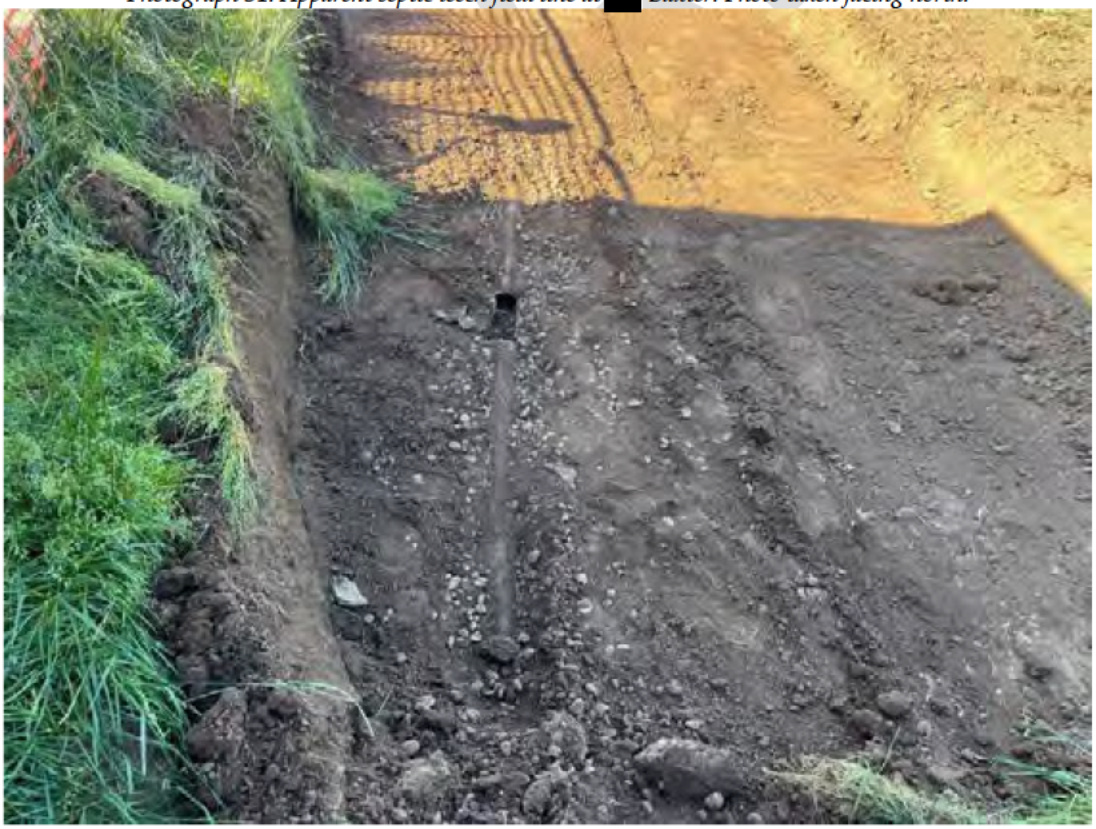
Photograph 29. ROW excavation along [redacted] Baxter overdug to 12 inches. Photo taken facing south.



Photograph 30. Excavation progress at [redacted] Baxter. Photo taken facing southeast.



Photograph 31. Apparent septic leech field line at [redacted] Baxter. Photo taken facing north.



Photograph 32. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing southeast.



Photograph 33. Site security fence installed at EOD on May 15. Photo taken facing northeast.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #14 Date: May 16, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Sunny – 50s
PM: Partly Cloudy – 70s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 4 crew)
Mid-State Industrial Service
Delta Sand & Gravel
Rexius
Lane Forest Products (LFP)
Minister and Glaeser Surveying, Inc.

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight

Safety

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0650 – GSI staff (Julian) onsite. 3 Kings crew onsite.

0700 - Delta haul trucks arriving to site. Daily tailgate/safety meeting. Specific project scope items discussed included:

- GSI reiterated arborist concerns and recommendations around CRZs of trees at [redacted] and [redacted] Baxter. Arborist had noted that some significant damage to root mat around maple tree had been observed and stressed that only hand tool or other low-impact methods (air knife etc.) should be used within the drip line of the maple tree to limit additional stress on tree. Arborist recommended only excavating to a maximum depth of 6-inches within the remaining portion of the drip line to prevent undermining important root structures. GSI indicated that additional hand tool and/or low-impact

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excavations would also still be required in CRZ of fir tree at [redacted] per arborist recommendations. GSI relayed arborist recommendation to cleanly cut off ends of all damaged roots at current extents of excavation prior to backfill placement. GSI indicated that these hand tool excavations would take a significant effort and should be prioritized to ensure front yards are surveyed and finished by EOW.

- GSI indicated that arborist had recommended some dedicated watering for trees impacted by RA activities and that GSI/DEQ would be discussing with residents.
- GSI/3 Kings discussed handling of sewer cleanout encountered at [redacted] Baxter. GSI relayed preference for extending cleanout to finish grade with 6-inch standpipe and installing a new cap for access.
- 3 Kings expressed some confusion about location of backflow valve for irrigation line being encountered at [redacted] Baxter. GSI indicated that system should be restored to previous condition at a minimum and any potential improvements should be brought to GSI first.
- GSI requested 3 Kings clean up soil around potential septic system encountered at [redacted] Baxter to determine status (empty vs. backfilled) if possible and discuss if decommissioning is required with DEQ.
- 3 Kings indicated they have imported loam coming from both Rexius and LFP and Rexius topsoil scheduled for delivery by the second half of the day.

0745 – 2X Delta haul trucks onsite. 3 Kings began loading material from the front yard of [redacted] Baxter. 3 Kings using excavator to scrape out soil from south side of damaged water line where arborist indicated root mat had already been severed. GSI reminded 3 Kings operators that damaged root ends should be cut cleanly prior to backfill placement. 3 Kings using other excavator to continue loading out equipment from backyard of [redacted] Baxter.

0900 – After removing some additional soil via hand tools around concrete found in the backyard of [redacted], GSI/3 Kings confirmed that concrete was associated with a septic system that was located partially under the existing back porch slab. GSI/3 Kings confirmed that drain line running north-south in back yard tied into the system along with other leach lines running to the east and north. GSI/3 Kings observed an approximately 2-foot section of additional potential ACM pipe running from the septic tank to the leach line cover. GSI asked 3 Kings to leave pipe section and septic system as found for now until consensus is reached on handling.

0915 – LFP onsite delivering loam. Loam being placed directly on driveway of [redacted] Baxter. GSI requested 3 Kings place material on plastic sheeting if possible if not directly backfilling into excavations but 3 Kings running out of space for material staging.

0930 – Surveyor (Minister & Glaeser) onsite. GSI reminded 3 Kings that CRZ's of trees at [redacted] will need to be surveyed as well and that no further progress had been made towards getting these areas to grade. GSI indicated that these areas would take significant time and effort due to required low impact methods to be used.

3 Kings excavating in backyard of [redacted] Baxter and staging at [redacted] for subsequent loading/transport to landfill.

0930 – 1000 - 3 Kings informed GSI that the driver's side window on the Toyota Tundra at [redacted] Baxter was broken. GSI observed the window was shattered but a definite cause for the damage was unclear. 3 Kings indicated they were not aware of any specific RA activities damaging the window. GSI/3 Kings observed rest of truck and did not see any obvious signs of impacts to vehicle or other construction related damage. After looking through photos from previous work days, GSI determined that the window was still intact around 2:45 PM on Monday 5/13 and appeared broken by sometime in the morning on Tuesday 5/14. 3 Kings to notify owners of vehicle and schedule an automotive repair company to fix the window as soon as possible.

1005 – 1X Delta haul truck onsite. Surveyor grade checking in side yard of [redacted] Baxter. GSI reminded 3 Kings that some limited areas in ROW still needed touch up excavation to be brought to grade.

1025 – GSI confirmed to surveyor that required excavation depth in ROWs is 0.5 feet. Surveyor marking high points along gas line at [redacted] and ROW points still needing touch up grading. GSI/3 Kings discussed front yard areas of [redacted] Baxter including CRZs that had not yet been brought to grade. GSI reminded 3 Kings that surveying the excavation extents in these areas was required per the project plans and suggested diverting efforts from the backyards of the properties to low impact methods in these areas if 3 Kings

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intended to have surveyor collect data for these locations. GSI revisited arborist recommendations (air knife etc.) around maple tree CRZ with 3 Kings.

1058 – Surveyor indicated that due to a former drainage swale located in the front yard/ROW at [redacted] Baxter, a thin strip of soil (approximately along the transition from 12-inch depth To 6-inch depth) was only surveying as 2 inches of soil removed since previous grades were relatively low here. GSI asked 3 Kings to remove wedge of material along this area to ensure that the project required minimum excavation depth is met. GSI indicated that due to the abandoned culverts and lack of current storm infrastructure, 3 Kings did not need to backfill this area to previous swale conditions and could instead finish grade this area similarly to the rest of the front yard of [redacted] (approximately level).

1200 – Surveyor performing final grade checks on backfill elevations at [redacted] Baxter. Surveyor indicated that the front yard of [redacted] Baxter generally looked good with a few low points that 3 Kings was aware of. 3 Kings directed loam delivery to be placed directly on portion of [redacted] Baxter/ROW still requiring touch up grading. GSI indicated to 3 Kings that some of this material would no longer be considered clean when handling and that care should be taken if pulling from this pile to ensure mixing with potentially contaminated soil doesn't occur. 3 Kings indicated they were aware of contaminated material underneath and would take steps to mixing doesn't occur. GSI reiterated strong preference to have import material placed on plastic sheeting if storing on hardscapes or only directly placing backfill into areas already brought to grade and considered clean. 3 Kings placing other loam import material over encountered cleanout – GSI reminded 3 Kings this would need to be relocated and repaired to finish grade in accordance with previous discussions.

1220 – 3 Kings began using excavator to remove wedge of material within footprint of former swale to meet minimum required 6-inch excavation depth. GSI observed that imported loam had been placed on the northern half of [redacted] Baxter front yard/ROW where the swale had been and could not confirm that previous excavation in this area had met required grades. 3 Kings indicated that the surveyor had cleared this area as not requiring further excavation. GSI reiterated buried cleanout handling to additional 3 Kings staff to ensure they were aware that material being imported/placed would need to be removed to uncover cleanout and repair.

1230 – GSI walked through backyard of [redacted] Baxter with surveyor. GSI requested surveyor also collect locations of septic system, leech line, and transition line from 12-inch excavation depth to 24-inch excavation depth in addition to his other locations.

[redacted] Baxter resident arrived onsite. GSI/3 Kings informed resident of damage observed to window. Resident may leave key for 3 Kings if needed to open truck and clean out broken glass. GSI asked resident to take pictures documenting condition of vehicle and window damage in addition to photos being collected by GSI.

1240 – GSI observed that 3 Kings had impacted the water meter housing at [redacted] Baxter. At the time it was unclear if any damage had occurred to the water line.

1250 – 3 Kings informed GSI that an auto repair contractor was scheduled for Tuesday 5/21. 3 Kings indicated they intended to clean out broken glass from truck window and cover the area with a plastic tarp in the interim until the window is fixed.

1300 – 2X Delta trucks onsite. 1X Rexius delivery onsite. GSI reiterated to 3 Kings that they would need to relocate clean out at [redacted] Baxter in order to install a new at-grade cleanout and cap. 3 Kings also asked about handling Holly stump in the front yard of [redacted] Baxter not removed during stump grinding activities. 3 Kings expressed concern that tree roots may be wrapped around live gas line in the front yard so they were not comfortable pulling the stump out with an excavator. GSI indicated to remove all soil to excavation depth via hand tools and attempt to cut out as much of the tree as possible with chainsaw or similar methods to ensure the stump remnants are below finish grades.

1305 – GSI performed spot check air monitoring downwind from material loading/earthwork activities and upwind from project site to monitor ambient conditions for comparison purposes. Some intermittent airborne dust observed during equipment/vehicle traffic along roadways. GSI reminded 3 Kings to periodically perform wetting of roadways and working areas to help limit airborne dust. 3 Kings indicated they would perform additional roadway wetting.

1310 – 1X Delta truck onsite being loaded for transport to landfill. Minister & Glaeser offsite. GSI observed that the surveyor had marked the majority of the northern portion of [redacted] Baxter's front yard as not having

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met excavation grade. The CRZ was not yet surveyed due to minimal excavation work performed in this area.

1400 – 1X Rexius truck onsite delivering loam. 3 Kings returning to [redacted] Baxter to regrade areas in the front yard marked as not meeting required excavation depths by surveyor. 3 Kings using shop vac to clean up broken glass from vehicle a[redacted] Baxter. GSI observed that 3 Kings was encountering water at [redacted] Baxter at approximately 12 inches below grade. No damage was observed to the water line at the time.

1410 – DEQ (Sarah) onsite to observe RA progress. DEQ discussed anticipated watering requirements for sod/hydroseed with residents and was purchasing sprinkler systems for properties slated for these restoration materials.

3 Kings excavating around manzanita brush requested to be saved by residents at [redacted] Excavating along extents of bush in accordance with arborist recommendations.

1430 – LFP delivering loam to site.

1435 – DEQ offsite.

1505 – Rexius delivering loam to site.

1530 – GSI discussed project scheduling with 3 Kings (Brett). 3 Kings indicated that the surveyor was not scheduled for tomorrow but that 3 Kings still intended to backfill areas that were marked as not meeting required excavation grades. GSI reminded 3 Kings that numerous discussions regarding project requirements, phasing, and scheduling had occurred during the week and that the front yards of [redacted] were supposed to be substantially completed by Friday. GSI explained that per the project requirements, EC was required to survey excavation extents prior to backfilling. GSI explained that the portions of the front yards that had not met grades were not insignificant and encompassed most of those excavation footprints. 3 Kings indicated that GSI could not specify 'contractor means and methods' and that they could not confirm when a surveyor would be available or when the front yards would be completed. GSI explained that methods used by 3 Kings to perform the pre-backfilling survey were not GSI's to dictate but the survey still needed to be conducted in accordance with project requirements. GSI indicated that the project scheduling had been agreed to in several meetings and that changes needed to be communicated effectively to GSI/DEQ as residents had to be relocated for the work, were scheduled to return tomorrow, and some properties were currently without utilities.

1540 – 3 Kings using hand tools to excavate around CRZ at 235 Baxter.

1610 – 1X 3 Kings truck onsite and preloaded and staged onsite for delivery to landfill in the morning.

1630 – Spade Tree Preservation (Spade) onsite. Spade indicated that 3 Kings should wet down and cover recently excavated portions of the CRZ at [redacted] Baxter to prevent direct sunlight from damaging these sensitive areas. Spade observed some additional hand tool brushing/excavating in CRZ of this tree until numerous larger feeder roots were observed and indicated that 3 Kings should avoid digging out soil beyond these observed root conditions. 3 Kings to wet down and cover CRZ at both trees at EOD.

1645 – 3 Kings onsite with air knife to demonstrate planned excavation approach within CRZ of maple tree to Spade. Spade observed 3 Kings removing near surface material from the CRZ and indicated this approach was preferred to hand tools if possible. Significant damage to root sheaths did not appear to be occurring due to the air knife methods. Spade indicated that excavation depths of 4-6 inches may be the maximum achievable within the CRZ without causing irreparable damage to the tree. Spade suggested following up air knife work with careful brushing to remove loose soil and promptly backfilling or covering root mat. 3 Kings to cover CRZ and wet down at EOD and complete CRZ excavation work tomorrow. Spade/GSI observed 3 Kings cleanly cutting off numerous roots ends damaged during excavations near edge of maple tree drip line.

1655 – Spade recommended extending wood chip radius around maple tree to approximately 15 feet in order to help the tree recover from RA activity and hot/dry weather induced stress. Spade indicated that a follow up email would be provided including observations made regarding the maple tree, and long-term watering suggestions for the trees impacted by RA activities.

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1705 – 3 Kings continuing to test air knife excavation methods.

1730 – 3 Kings discovered that the water spigot in the front yard of [redacted] Baxter did not appear to be working. Water meter and a spigot tested in the backyard of the property appeared to be functioning properly. GSI indicated that 3 Kings should confirm no damaged was caused to water line at this property since the meter housing had been struck during earthwork.

1735 – 3 Kings placing demarcation fabric and wetting CRZs of [redacted] and [redacted] trees. 3 Kings reinstalling site security and temporary BMPs.

1800 – Security onsite. GSI/3 Kings offsite.

Truck Count:

3 Kings/Delta trucks hauling to landfill. Rexius/LFP delivering loam/topsoil (Rexius only). GSI staff unable to accurately track import/export trucking numbers due to significant vehicle traffic and work across multiple properties. Refer to 3 Kings daily for material quantities.

Outstanding Issues or Concerns

- Additional water lines encountered and expected to be replaced from meter to household at [redacted] Baxter.
- Warm weather forecasted for the remainder of the week may contribute to dust control concerns during RA activities.
- Septic system encountered at [redacted] Baxter – likely to be left as is due to slab overlying some of tank
- ACM material disposal
- Majority of front yard [redacted] Baxter not surveyed at excavation leave surface per project requirements.

Upcoming Planned Activities

- DU-09: Build shed, sod placement, planting.
- DU-10: Touch up backfilling as needed. Fix damaged concrete in driveway, hydroseed application, planting.
- DU-11: Complete touch up front yard excavations, fix cleanout, tie in downspout drain lines, continue backfilling. Continue backyard excavation.
- DU-15: Complete front yard/CRZ excavation, begin backfilling. Continue backyard excavation.
- SO-07: Complete front yard/CRZ excavation, begin backfilling.

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RA Day 14 Photographs

Photograph 1. Cleanout pipe encountered at [redacted] Baxter. Photo taken facin south.



Photograph 2. Removal of soil and damaged roots to south of replaced water line at [redacted] Baxter. Photo taken facing northwest.



Photograph 3. Haul truck loading from [redacted] Baxrer. Photo taken facing south.



Photograph 4. Septic system and leech line tie-in at [redacted] Baxter. Photo taken facing southwest.



Photograph 5. 3 Kings starting excavation in [redacted] Baxter backyard. Photo taken facing north.



Photograph 6. Excavation in [redacted] Baxter backyard. Photo taken facing southwest.



Photograph 7. Damaged Toyota Tundra window at [redacted] Baxter. Photo taken facing north.



Photograph 8. Excavation progress along north side yard o[redacted] Baxter. Photo taken facing east.



Photograph 9. 3 Kings marking grade checks at [redacted] Baxter. Photo taken facing north.



Photograph 10. LFP delivering loam to [redacted] Baxter and placing on driveway. Photo taken facing south.



Photograph 11. Manual excavation depth field truthing [redacted] Baxter. Photo taken facing west.



Photograph 12. Excavation progress outside of drip line at [redacted] Baxter. Photo taken facing east.



Photograph 13. Surveyor checking grades and marking high points at [redacted] Baxter. Photo taken facing east.



Photograph 14. High points in ROW by [redacted] Baxter marked by surveyor. Photo taken facing west.



Photograph 15. Damaged root encountered at [redacted] Baxter. Photo taken facing southeast.



Photograph 16. Pile of loam placed on top of ROW area still needing excavation. Photo taken facing north.



Photograph 17. Loam placed directly onto ROW and [redacted] Baxter. Photo taken facing south.



Photograph 18. Water meter housing at [redacted] Baxter impacted by earthwork. Photo taken facing east.



Photograph 19. Excavation progress at [redacted] and 3 Kings grade checking. Photo taken facing southwest.



Photograph 20. Follow up grading in front yard of [redacted] Baxter/ROW along former swale footprint. Photo taken facing southwest.



Photograph 21. Follow up grading in front yard of [redacted] Baxter/ROW along former swale footprint. Photo taken facing west.



Photograph 22. Imported loam spreading over discovered sewer cleanout to allow for haul truck dumping. Photo taken facing south.



Photographt 23. Areas in front yard of [redacted] Baxter marked as requiring additional excavation. Photo taken facing east.



Photograph 24. Areas in front yard of [redacted] Baxter marked as requiring additional excavation. Photo taken facing southeast.



Photograph 25. Roadway wetting and sweeping after import soil delivery. Photo taken facing northeast.



Photograph 26. Hand tool excavation along drain line and footing at [redacted] Baxter. Photo taken facing south.



Photograph 27. Broken [redacted] Baxter auto window falling out. Photo taken facing north.



Photograph 28. Damaged fir tree root cut off per arborist recommendation. Photo taken facing southwest.



Photograph 29. Manual excavation depth field truthing. Photo taken facing northeast.



Photograph 30. Follow up grading after surveyor marked high points at [redacted] Baxter. Photo taken facing northeast.



Photograph 31. Dedicated catch basin inserts installed along Baxte/Alva Park cross street. Photo taken facing north.



Photograph 32.Manual excavation depth field truthing [redacted] Baxter. Photo taken facing west.



Photograph 33. Air knife CRZ excavation method testing by 3 Kings. Photo taken facing west.



Photograph 34. Trimming damaged maple tree roots per arborist recommendation. Photo taken facing north.



Photograph 35. Imported loam spreading at [redacted] Baxter. Photo taken facing east.



Photograph 36. CRZ wetting after additional excavation work. Photo taken facing north.



Photograph 37. [redacted] broken auto glass cleaned up and window covered with tarp. Photo taken facing northwest.



Photograph 38. Portion of CRZ excavation with air knife a[redacted] Baxter. Photo taken facing north.



Photograph 39. Manual excavation depth field truthing CRZ at [redacted] Baxter. Photo taken facing north.



Photograph 40. Street sweeping along Baxter Steet. Photo taken facing south.



Photograph 41. Arborist recommended leave surface around fir tree due to observed roots. Photo taken facing north.



Photograph 42. Covering CRZ around maple tree between additional planned excavation. Photo taken facing east.



Photograph 43. Leaking water meter valve a[redacted] Baxter. Photo taken facing north.



Photograph 44. Covered fir tree CRZ and stockpiles. Photo taken facing east.



OFFSITE REMOVAL ACTION – DAILY FIELD REPORT
JH BAXTER OFFSITE REMEDIAL ACTION
EUGENE, OREGON

Report: #15 Date: May 17, 2024

TO:	Don Hanson / DEQ	**COPIES:**	Susan Turnblom / DEQ
	Sarah Eagle / DEQ		Rick Ernst / GSI Water Solutions
FROM:	Chris Martin / GSI Water Solutions		
	Julian Peter / GSI Water Solutions		

This daily field report summarizes the completed field activities and notable issues/comments for the DU-09, DU-10, DU-11, DU-15, and SO-07 offsite properties as part of the offsite RA at the JH Baxter & Co. (Baxter) Offsite Remedial Action Site in Eugene, Oregon.

Weather

Conditions: AM: Partly Cloudy – 50s
PM: Sunny – 60s

Project Staffing

Contractors:
GSI Water Solutions (Julian Peter)
3 Kings (Brett, Adrianna, Shane, 4 crew)
Mid-State Industrial Service
Delta Sand & Gravel
LFP
Rexius
Spade Tree Preservation

Site Visitors

Organization and Name:

- Sarah Eagle – DEQ – Oversight
- Don Hanson – DEQ – Oversight
- Rachel – DEQ - Oversight

Safety

Topics covered:

- Appropriate PPE
- Site security
- Traffic control
- ESCP requirements
- Daily workplan

Activities Performed

0700 – GSI staff (Julian) onsite. 3 Kings crew onsite. Delta haul trucks arriving to site. Daily tailgate/safety meeting. Specific project scope items discussed included:

- 3 Kings intended to regrade touch up locations marked by surveyor along south side of [redacted] Baxter and ROW to allow for backfilling in these areas. GSI reminded 3 Kings that a load of loam had been placed on top of material that still needed to be excavated and that some of this loam could no longer be handled as clean.
- 3 Kings indicated that additional topsoil deliveries from Rexius were scheduled for the second half of the day.

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- GSI stressed prioritizing portions of front yards near water lines and ensuring that utility connections for properties were restored prior to residents returning for the weekend. GSI reminded 3 Kings to inspect quality of water line after completing soil removal at [redacted] Baxter where meter housing was impacted the previous day. 3 Kings anticipating replacing water line at [redacted] Baxter.
- 3 Kings to complete air knife excavations around maple tree at CRZ, planning on relocating and fixing clean out at [redacted] Baxter, and reinstalling irrigation line/sprinklers in front yard of 235 Baxter.
- Additional soil removal to be performed in backyards of [redacted] and [redacted] Baxter.

0730 – 3 Kings spot regrading portions of [redacted]/ROW marked as high by surveyor. 3 Kings continuing to perform some finish grading around CRZ of fir tree to depths suggested by arborist.

0800 – 1X Delta haul truck and 1X 3 Kings truck onsite. 3 Kings using saw to remove pieces of holly stump near northwest corner of [redacted] Baxter residence.

0824 – 1X Delta truck onsite and being loaded for landfill with material from backyards of [redacted] properties.

0830 – 3 Kings delivered irrigation line replacement supplies for front yard of [redacted] Baxter.

0840 – [redacted] residents returned home from relocation. GSI informed residents that water line would likely be disconnected and replaced at some point during the day and that they would be made aware when this occurs.

0930 – 3 Kings Demo Superintendent (Mitch) onsite. GSI/3 Kings walked through site to observe RA progress and discussed previous meetings regarding project schedule, removal action approach and possible improvements to earthwork workflow and phasing, and ideas for material loading within backyards of [redacted] properties. 3 Kings wanted to direct load haul trucks on makeshift fabric-lined access in the backyards on these properties. GSI indicated the loading plans sounded good but would discuss internally and with DEQ prior to confirming.

1022 – 3 Kings truck onsite delivering loam.

1035 – 3 Kings began air knife soil removal work within remainder of CRZ at [redacted] Baxter. The air knife was used to carefully free soil from the tree's root mat to approximate depths of 4 – 6 inches below previous surface grades. Due to existing root structures the actual excavation depth within this area was variable. 3 Kings used careful brushing and or hand tool methods to follow up air knife work and remove the loosened soil from the root matrix.

3 Kings placing imported soil on portions of [redacted] Baxter confirmed as meeting excavation grades by surveyor on previous day.

1100 – 3 Kings excavating around water line at [redacted] Baxter. 3 Kings asked GSI to confirm the desired mulch variety selection for the backyard of [redacted] Baxter. GSI indicated the arborist recommended variety for the backyard was 'Playaway Fiber Chips' from LFP. GSI observed CRZ excavation progress and any potential root damage due to methods used. GSI did not observe significant damage to root sheaths caused by use of the air knife. GSI reminded 3 Kings that these sensitive areas should be covered with topsoil or protective layer ASAP per arborist recommendations to prevent sun damage and limit additional stress on tree.

1120 – Delta trucks onsite being loaded with material for transport to landfill.

1130 – 3 Kings truck onsite delivering Rexius topsoil. GSI observed that 3 Kings had continued to place some imported material directly onto property driveways without underlying plastic sheeting. 3 Kings encountered abandoned drainage culvert in ROW/front yard [redacted] Baxter. 3 Kings working around this feature and leaving in condition found.

1230 – 3 Kings disconnected water to [redacted] Baxter to begin replacing water line from meter to household. 3 Kings performing some additional air knife excavation within CRZ of maple tree at [redacted] Baxter.

1245 – GSI observed that imported loam placed at [redacted] Baxter had been spread up until north side yard gate where it was in contact with material still requiring excavation. GSI pointed this out to 3 Kings who indicated

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they were aware of this and would remove any questionable import material at the interface along with contaminated soil when excavating in this area.

1253 – GSI observed that south side yard gate of [redacted] Baxter was no longer supported due to excavation cuts below majority of gate. The gate appeared to be sagging under its own weight but it was unclear if this would be lingering issue when backfill is reintroduced under the gate. 3 Kings aware that gate may take some resetting and/or replacement if not functioning correctly after backfill placement.

1300 – 3 Kings using skid steer to grade imported loam and place some topsoil to finish grades in limited portion of [redacted] Baxter front yard. GSI reminded 3 Kings that over-excavated area of [redacted] Baxter bordering [redacted] property line was slated for gravel backfill, not topsoil.

1320 – 3 Kings truck onsite delivering loam load to [redacted] Baxter.

1325 – 3 Kings indicated that some remaining portions of the CRZ at [redacted] Baxter had existing grass at ground surface intermingled with tree roots and that soil removal was proving difficult. GSI suggested 3 Kings continue to carefully use air knife and brushing and/or had tools to remove as much soil to 4 – 6 inches as possible and cover roots ASAP. 3 Kings indicated that they would be placing some of the next load of topsoil delivered to site on excavated root zones.

1330 – LFP onsite delivering loam – placed in driveway of [redacted] Baxter. GSI reminded 3 Kings to perform periodic roadway and/or work area wetting to help limit airborne durst based on some dust observed from ongoing vehicle and equipment traffic.

1345 - GSI performed spot check air monitoring downwind from material loading/earthwork activities and upwind from project site to monitor ambient conditions for comparison purposes. Some intermittent airborne dust observed during equipment/vehicle traffic along roadways.

1350 – 3 Kings performed roadway and RA work zone wetting to help mitigate intermittent airborne dust observed.

1355 – 3 Kings completed water line reconnection at [redacted] Baxter. 3 Kings confirmed that outdoor spigot that had previously appeared to not be functioning was working properly. Residents of household indicated that water appeared to working normally except for in the bathtub and toilet which were running slowly and potentially clogged. 3 Kings began troubleshooting plumbing issues.

1400 – 3 Kings truck onsite delivering imported material. GSI revisited loam pile placed on portion of ROW that was still requiring excavation with operator. Operator was aware that some of this loam would need to be handled with contaminated material now.

1415 – Neighborhood citizen onsite to inquire about project. GSI directed citizen to Sarah Eagle at DEQ and provided contact information.

1430 – 3 Kings placing/grading additional topsoil in upper six inches in portions of [redacted] Baxter front yard. 3 Kings indicated that the bathroom sink at [redacted] Baxter now appeared to have a clogged filter at the fixture and that they were attempting to clean this out. 3 Kings trimming off some remaining damaged roots near CRZ limits in accordance with arborist recommendations.

1435 – DEQ (Don, Rachel) onsite.

1445 – DEQ (Sarah) onsite. GSI/DEQ walked through work areas, observed RA progress, and discussed planned upcoming activities. DEQ indicated Rachel may be onsite in coming weeks to observe remaining RA activities.

3 Kings resumed some final air knife excavations in remaining portions of CRZ at [redacted] Baxter.

1500 – [redacted] Baxter tenant (Madeleine) onsite. GSI/DEQ discussed earthwork impacts to backyard with tenant. Tenant aware of and OK with impacts for the next couple weeks as longs as concrete portion of backyard porch can remain fenced in for dog use. GSI asked tenant to try water fixtures throughout the household and let GSI or DEQ know if there are any plumbing issues observed after the recent water line replacement.

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1515 – GSI expressed concern about portions of the maple tree CRZ being left uncovered due to intermittent work in this area and asked 3 Kings to cover root zones promptly in accordance with arborist recommendations. 3 Kings began placing topsoil over portions of uncovered roots as requested.
1600 – 3 Kings began working on portions of irrigation line installation at [redacted] Baxter. 3 Kings ordered wood chips to cover CRZ's of trees over the weekend in accordance with arborist guidance.

1615 – Security onsite.

1640 – LFP onsite delivering wood chips. Wood chips placed in [redacted] Baxter front yard.

1645 – Spade Tree Preservation (Cory) onsite. Spade observed air knife excavations within CRZ and appeared pleased with results limiting further impacts to the tree to the extent possible. Spade reiterated watering/root covering guidance discussed on prior days.

1750 – 3 Kings sweeping roadways and driveways with rented skid steer attachment. 3 Kings placing mulch over topsoil around fir tree at [redacted] Baxter and wetting recently place topsoil in CRZ of maple tree at [redacted]

1810 – Residents for [redacted] Baxter arrived home from relocation. 3 Kings discussed irrigation line replacement with resident (Josh) and confirmed approval for proposed sprinkler head locations in front yard. GSI informed resident that some plumbing issues were being observed at neighboring properties after the water line replacements and asked if he could test the fixtures in his house to confirm they were functioning properly. Resident indicated he would test outdoor spigots in the backyard first to try prevent potential debris from impacting plumbing fixtures within the household.

1900 – 3 Kings able to resolve some of the plumbing issues at [redacted] Baxter. Some lingering issues with the bathtub/shower observed. Residents indicated they were OK with these impacts over the weekend. 3 Kings to revisit plumbing issues on Monday.

GSI/3 Kings offsite.

Truck Count:

8 loads offsite to landfill. Two 3 Kings loads and six Delta. One 3 Kings truck 'preloaded' and staged onsite for transport to landfill after the weekend.

Unable to track import totals accurately. See 3 Kings daily for exact material quantities.

Outstanding Issues or Concerns

- Some plumbing issues observed at [redacted] Baxter after water line reconnection.
- Septic system encountered at [redacted] Baxter – likely to be left as is due to slab overlying some of tank
- ACM material disposal
- Majority of front yard [redacted] Baxter not surveyed at excavation leave surface per project requirements.

Upcoming Planned Activities

- DU-09: Build shed, sod placement, planting.
- DU-10: Touch up backfilling as needed. Fix damaged concrete in driveway, hydroseed application, planting.
- DU-11: Complete touch up front yard excavations, fix cleanout, tie in downspout drain lines, continue backfilling. Continue backyard excavation.
- DU-15: Complete front yard/CRZ excavation, begin backfilling. Continue backyard excavation. Resolve plumbing issues.
- SO-07: Complete front yard/CRZ excavation, begin backfilling. Start excavation in back yard.

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RA Day 15 Photographs

Photograph 1. Holly stump near live gas line at [redacted] Baxter. Photo taken facing northeast.



Photograph 2. Manzanita brush saved per resident request. Photo taken facing northeast.



Photograph 3. Majority of holly stump removed to excavation grade with saw. Photo taken facing south.



Photograph 4. Excavation depth field truthing within fir tree CRZ at [redacted] Baxter. Photo taken facing southwest.



Photograph 5. Hand tool excavations around fir tree at [redacted] Baxter. Photo taken facing southwest.



Photograph 6. Manual excavation depth field truthing at [redacted] Baxter. Photo taken facing west.



Photograph 7. Import material staging at [redacted] Baxter. Photo taken facing south.



Photograph 8. Holly stump remnants at [redacted] Baxter. Photo taken facing south.



Photograph 9. Start air knife excavations around maple tree CRZ at [redacted] Baxter. Photo taken facing east.



Photograph 10. Backfill placing at [redacted] Baxter. Photo taken facing southeast.



Photograph 11. Material spreading and storing at [redacted] Baxter. Photo taken facing southeast.



Photograph 12. Manual excavation depth field truthing after regrade at [redacted] Baxter. Photo taken facing east.



Photograph 13. Manual excavtion depth field truthing in ROW after regrade. Photo taken facing east.



Photograph 14. Air knife excavation within maple tree CRZ at [redacted] Baxter. Photo taken facing northwest.



Photograph 15. CRZ field truthing at [redacted] Baxter. Photo taken facing north.



Photograph 16. CRZ field truthing at [redacted] Baxter. Photo taken facing southeast.



Photograph 17. Air knife excavation progress in CRZ at [redacted] Baxter. Photo taken facing northeast.



Photograph 18. Manual excavation depth field truthing after regrade at [redacted] Baxter. Photo taken facing west.



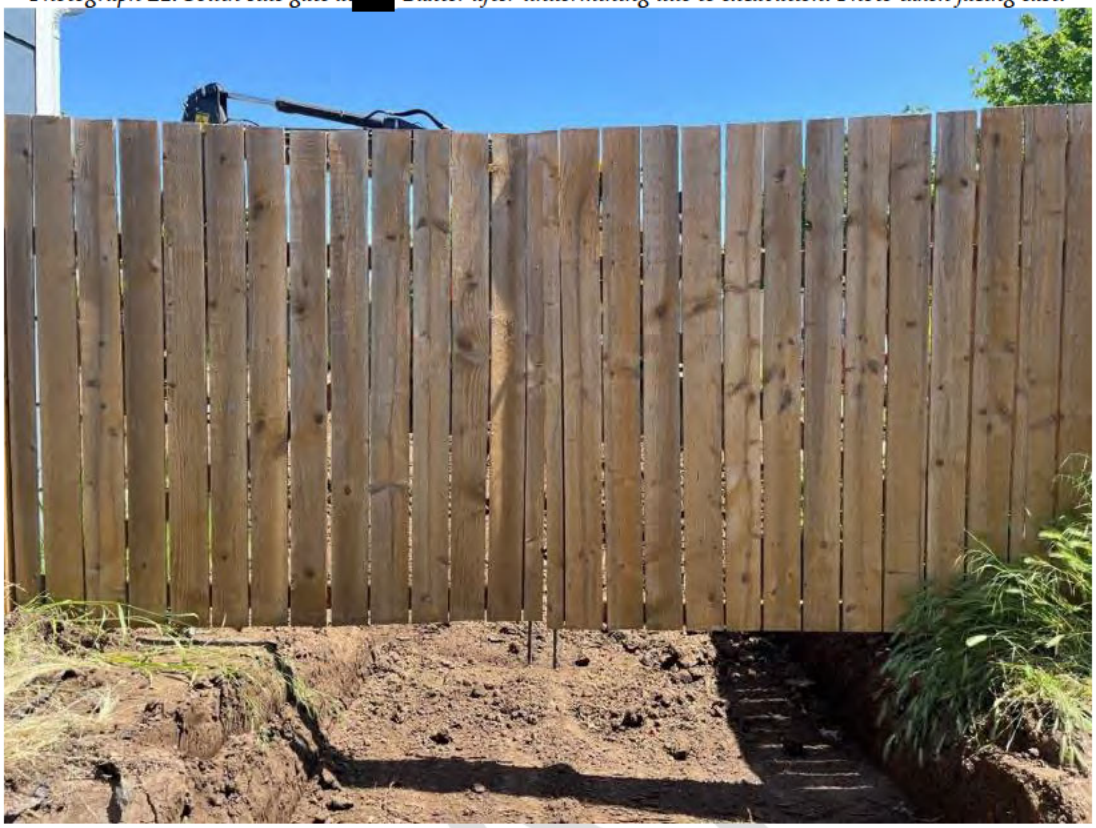
Photograph 19. Earthwork progress a[redacted] Baxter. Photo taken facing northeast.



Photograph 20. Loam placed adjacent to contaminated soil still requiring removal. Photo taken facing southeast.



Photograph 21. South side gate at [redacted] Baxter after undermining due to excavation. Photo taken facing east.



Photograph 22. CRZ at [redacted] after additional air knife excavation. Photo taken facing northwest.



Photograph 23. Water line reinstalled at [redacted] Baxter. Photo taken facing east.



Photograph 24. CRZ excavation field truthing. Photo taken facing southwest.



Photograph 25. Trimmed off damaged root ends and excavation extents in CRZ at [redacted] Baxter. Photo taken facing west.



Photograph 26. Topsoil placing and CRZ wetting at [redacted] Baxter. Photo taken facing southwest.



Photograph 27. Topsoil placed in CRZ of fir tree at [redacted] Baxter. Photo taken facing southeast.



Photograph 28. Mulch placed around maple tree CRZ at [redacted] Baxter. Photo taken facing northeast.



Photograph 29. Mulch placed around CRZ of fir tree at [redacted] Baxter. Photo taken facing northeast.



Photograph 30. Site security at south fence of [redacted] Baxter. Photo taken facing north.

