

**AMENDMENT 1 TO:
PROPOSED APPROACH FOR “PILOT” SOIL STOCKPILE SAMPLING EVENT
AND CONCEPTUAL SOIL MANAGEMENT PLAN,
PORT ANGELES RAYONIER MILL SITE, MARCH 2013
Amendment Date: August 9, 2013**

Rayonier completed the “pilot” soil stockpile sampling event described in the original document (dated March 2013) in April 2013. The results were provided to the Washington Department of Ecology (Ecology) in June 2013. Rayonier and Ecology discussed the conceptual soil management plan on July 25, 2013 and reached agreement on a plan for protecting the stockpiles for long-term storage. The updated soil management plan is presented below.

Updated Conceptual Soil Management Plan

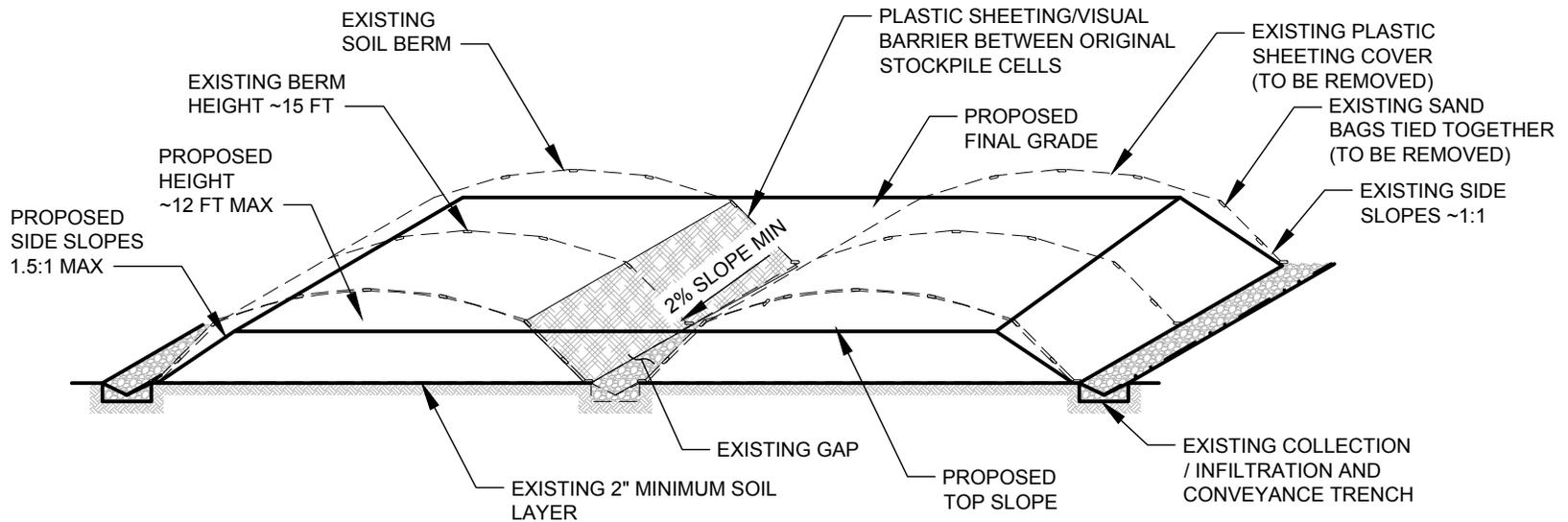
Figure 2 (attached) presents the conceptual long-term soil management plan. In general, the plan specifies that adjacent soil stockpiles will be combined and graded within existing soil bin footprints to remove the gap between piles, sloped to promote drainage, and hydroseeded with grass. Specifically, the following stockpiles will be combined and graded (Figure 3):

- The two westernmost stockpiles in the northern half of Stockpile Area 1 (Bins #1-5 and #1-6).
- The two easternmost stockpiles in the northern half of Stockpile Area 1 (Bins #1-7 and #1-8).
- The five stockpiles in the southern half of Stockpile Area 1 (Bins #1-1, #1-2, #1-3, #1-4, and #1-9).
- The four stockpiles in Stockpiles Area 2 (Bins #2-1, #2-2, #2-3, and #2-4). The soil in Bin #2-4 will be added to the east and south sides of the other piles.

During grading to remove the gap between adjacent stockpiles, a continuous layer of plastic sheeting will be installed as a visual marker/physical separation barrier between the soils in adjacent stockpiles. The plastic marker layer will facilitate future identification and separation/segregation of soils as necessary. The upper edge of the plastic sheeting used to form the marker layer will be staked on the surface of the stockpile (using surveyor stakes or similar) to identify the location and alignment of the sheeting immediately below the stockpile surface. In addition, location coordinates for the stakes and plastic sheeting will be measured and recorded using a Global Positioning System (GPS) unit.

During the initial period of grass growth (approximately 1 to 2 months estimated), the stockpiles will be inspected at least weekly to ensure grass is becoming uniformly established across the stockpile surfaces. Maintenance seeding will be performed as needed during this period to fill in any areas of sparse grass growth if it appears the area could be susceptible to erosion. After grass has established, the inspection frequency will be reduced to monthly through the winter (until mid-March). Beginning in April 2014, long-term monitoring and maintenance of the stockpiles will consist of quarterly inspections for areas of significant erosion and cover integrity, mowing to prevent tree growth, maintenance seeding as needed, and maintenance of drainage areas for runoff containment. Additional stockpile sampling will be conducted in the future as needed to evaluate appropriate options for final disposition of the soils.





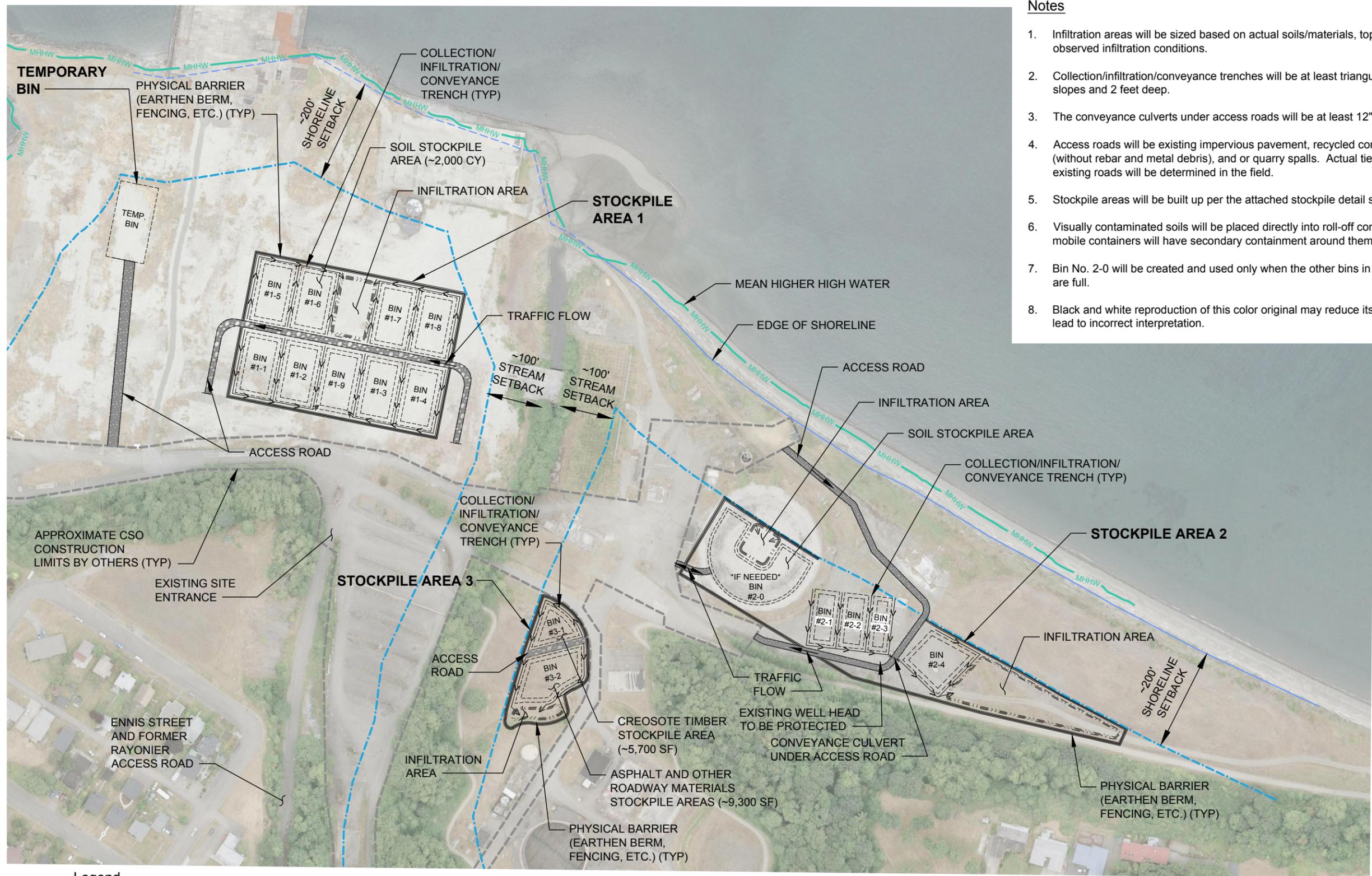
PERSPECTIVE PLAN VIEW - TYPICAL TYPE 2 SOIL STOCKPILE
NOT TO SCALE

CONSTRUCTION NOTES:

1. REMOVE SANDBAGS AND PLASTIC SHEETING.
2. PLASTIC SHEETING WILL BE PLACED ON THE EXISTING SLOPE OF ONE STOCKPILE CELL BETWEEN EACH TWO ADJACENT CELLS THAT WILL BE GRADED TOGETHER. THE PLASTIC SHEETING WILL PROVIDE A VISUAL BARRIER BETWEEN THE SOIL COMPRISING THE ORIGINAL STOCKPILE CELLS. THE TOP OF THE PLASTIC SHEETING WILL BE STAKED AND RECORDED WITH GPS COORDINATES.
3. GRADE EXISTING SOIL STOCKPILES WITHIN EXISTING SOIL BIN FOOTPRINT TO REMOVE GAP BETWEEN PILES. SLOPE 2% FOR DRAINAGE ACROSS THE TOP.
4. HYDROSEED COVER. TWO TIMES APPLICATION WITH LOW GROWTH COVER.
5. USE FIRE HYDRANT AND TEMPORARY SPRINKLERS FOR WATERING TO ESTABLISH VEGETATION GROWTH, AS NEEDED.
6. THE STOCKPILE SURFACE WILL BE COVERED, AS NEEDED, BY STRAW MATTING TO PREVENT SOIL LOSS VIA WINDBLOWN EROSION OR STORMWATER RUNOFF DURING THE HYDROSEEDING GRASS GROWTH PERIOD.

LONG-TERM CARE AND MAINTENANCE:

1. PERFORM QUARTERLY INSPECTIONS FOR AREAS OF SIGNIFICANT EROSION AND GRASS COVER INTEGRITY. MAINTAIN AS NEEDED.
2. MOW AS NEEDED TO PREVENT TREE GROWTH.
3. MAINTAIN DRAINAGE AREAS FOR RUNOFF CONTAINMENT.



Notes

1. Infiltration areas will be sized based on actual soils/materials, topography, and observed infiltration conditions.
2. Collection/infiltration/conveyance trenches will be at least triangular with 2:1 side slopes and 2 feet deep.
3. The conveyance culverts under access roads will be at least 12" diameter culverts.
4. Access roads will be existing impervious pavement, recycled concrete rubble (without rebar and metal debris), and or quarry spalls. Actual tie-in locations to existing roads will be determined in the field.
5. Stockpile areas will be built up per the attached stockpile detail sketch.
6. Visually contaminated soils will be placed directly into roll-off containers. These mobile containers will have secondary containment around them during filling.
7. Bin No. 2-0 will be created and used only when the other bins in Stockpile Area 2 are full.
8. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Legend

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|--|---|
| ----- CSO Construction Limits | — Edge of Shoreline |
| - - - - - Stream and Shoreline Setback | ← ← Drainage Channel and Flow Direction |
| — MHHW Mean Higher High Water (Rayonier, 2012) | ▬ Proposed Access Road |
- Scale in Feet

Base map source: Google Earth

Rayonier Properties Inc.
Former Mill Site
Port Angeles, Washington

**Non-Surveyed As-Built Conditions
Product Staging / Storage Areas**

Figure
3

