Minor Operation and Maintenance Activity Plan

O&M 17-001

Repair of the Domestic Water Leak on the East Side of 720-H

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Approved By David Grimm 11/8/2016

1. Introduction

The purpose of this Operation and Maintenance (O&M) Activity Plan is to provide guidance for activities associated with Repairing a Domestic Water (DW) line East of 720-H. The excavation site for this work is about 110 feet from a RCRA / CERCLA Unit (Waste Unit No. 531). This O&M Activity Plan is defined as a "minor intrusive activity" based on the soil excavation meeting the definition of both "minor" and "intrusive" as defined in the SRS Operations and Maintenance Plan (RCRA / CERCLA), WSRC-RP-93-904.
Revision 1 of this O&M Plan is to expand the excavation area to the dimensions identified on page 5 of 5

2. Area Description and Conditions

Waste Unit No. 531 is identified as Early Construction and Operational Disposal Site (ECODS) H-1 (West of H- Area Facilities). The area to be excavated is about 110 feet from ECODS H-1, which is considered suspect for construction debris. The area to be excavated would not be expected to contain any debris from the waste unit.

3. O&M Activity

A. O&M Activity Description

Construction is tasked with repairing the leaking DW line. The excavation site for this work is in or near the RCRA / CERCLA Unit (Waste Unit No. 531) The proposed activity is to 1) Excavate the area near 720-H, 2) Repair the DW line, and 3) Refill excavation with CLSM. Approximate location for the repair 20 feet East and 20 feet North of the Southeast corner of building 720-H.

B. O&M Activity Sampling and Monitoring for Health and Safety Waste Unit No. 531 is considered suspect for construction debris. No sampling or monitoring is necessary. All excavated soils will be placed in the C&D Landfill soils will be placed in the C&D Landfill. No sampling will be required.

C. Health and Safety Plan The work will be completed in accordance with the requirements stated in the Assisted Hazard Analysis. The safety requirements and personal protective equipment described in the Assisted Hazard Analysis are appropriate for the potential hazards of the RCRA/ CERCLA unit.

D. Characterization and Sampling Plan for the Affected Area near the Unit Repair of the Domestic Water Leak on the East Side of 720-H will be performed using WO# 1538093. No sampling or characterization for this minor intrusive O&M activity will be required during the activity.

E. Contaminated Materials Management and/or Disposal Excavated soils will be placed in the C&D Landfill. Job waste will be disposed of in accordance with existing Waste Management procedures. If unexpected materials are uncovered during the excavation, dispose under current site waste management procedures if deemed appropriate by the SRNS-On Scene Coordinator(OSC) Chuck Bishop at 803-557-9016 / Cell 803-507-8350.

F. Environmental Plans and Permit Modification Requests No permit modifications are required as a result of this activity.

4. Contingency Plan

If at any time during the implementation of the activity, the conditions change such that the activity is no longer considered "minor" (as defined in Reference 1) or any other unanticipated materials are exposed, the Facility Manager or Environmental Compliance Authority (ECA) shall:

Immediately notify the SRNS-On Scene Coordinator (OSC) Chuck Bishop at 803-557-9016 / Cell 803-507-8350. The SRNS-OSC will notify the DOE-OSC.

Contain and stabilize the area. Investigate as necessary to determine the necessary change in the activity plan. Secure the area and stop work.

Update the SRNS-OSC as to the findings and the requested path forward. The SRNS-OSC will communicate the information to the DOE-OSC and obtain concurrence on the path forward.

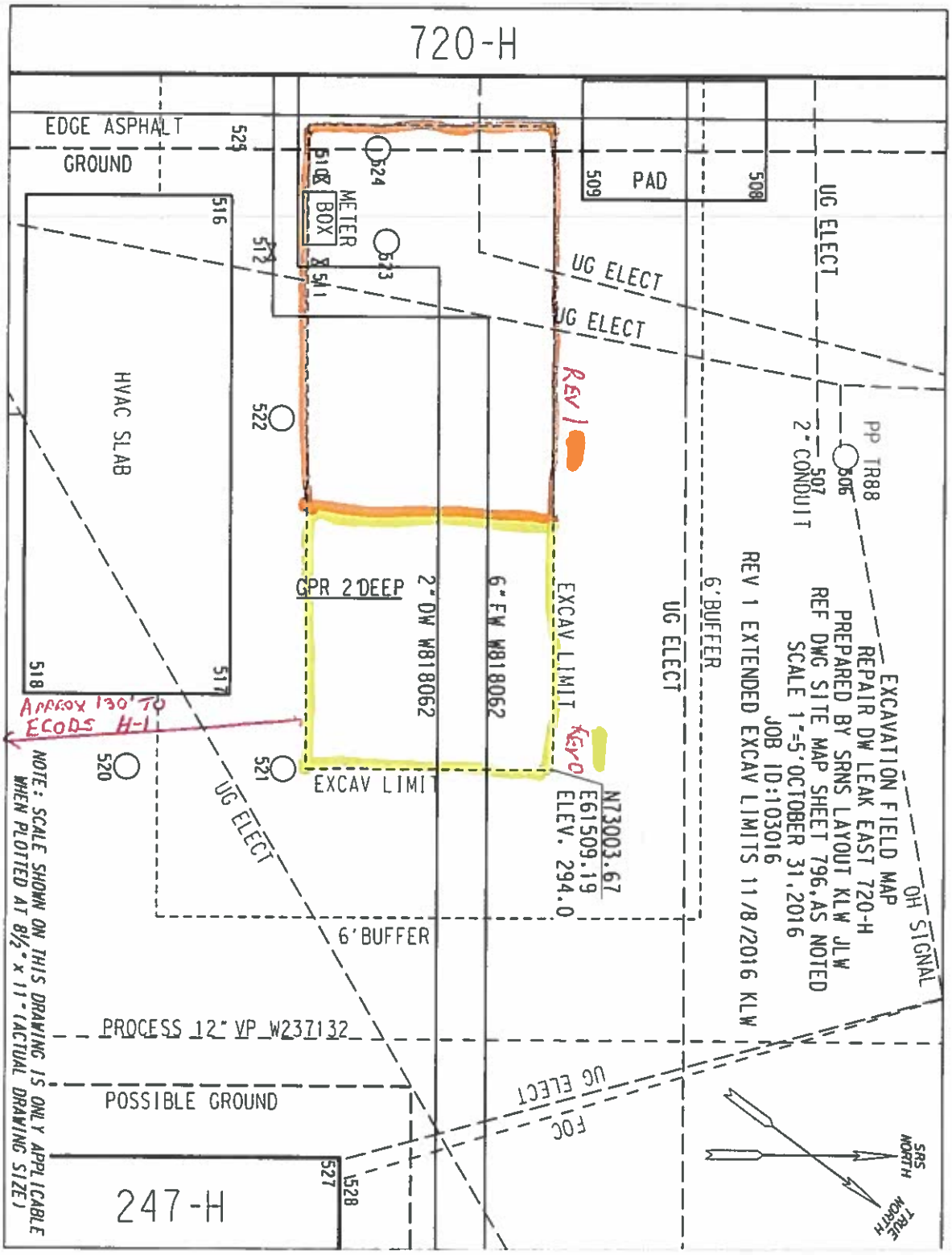
5. Documentation and Reporting

The Facility Manager will transmit the following documentation to the SRNS-OSC by the 20th day of the month following the month the activity was completed:

the signed O&M plan,
any sampling and characterization data collected,
quantity of contaminated materials generated, and
treatment, storage, and disposal location of contaminated material.

Reference

WSRC-RP-96-45, Savannah River Site Plan for Performing Maintenance in Federal Facility Agreement Area (O&M) Plan (U), December 15, 1996


720-H
EDGE ASPHALT
GROUND
523
524
METER BOX
510
511
512
516
517
518
HVAC SLAB
522
520
521
509
PAD
508
UG ELECT
UG ELECT
UG ELECT
UG ELECT
UG ELECT
Rev 1
CPR 2'DEEP
2" DW W818062
6" FW W818062
EXCAV LIMIT
EXCAV LIMIT
Rev 0
N73003.67
E61509.19
ELEV. 294.0
6'BUFFER
6'BUFFER
Approx 130' To ECODS H-1
NOTE: SCALE SHOWN ON THIS DRAWING IS ONLY APPLICABLE WHEN PLOTTED AT 8½" x 11" (ACTUAL DRAWING SIZE)
PROCESS 12" VP_W237132
POSSIBLE GROUND
247-H
527
528
FOC
UG ELECT
2" CONDUIT
507
506
PP TR88
OH SIGNAL
EXCAVATION FIELD MAP
REPAIR DW LEAK EAST 720-H
PREPARED BY SRNS LAYOUT KLW JLW
REF DWG SITE MAP SHEET 796, AS NOTED
SCALE 1"=5' OCTOBER 31, 2016
JOB ID:103016
REV 1 EXTENDED EXCAV LIMITS 11/8/2016 KLW
SRS NORTH
TRUE NORTH