

November 22, 2024

VIA ELECTRONIC MAIL

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**Consolidated Edison Company of New York, Inc.
Former Ossining Works Site, OU-3, Site No. 360172
RW-D Further Evaluation and Rehabilitation Plan**

Dear Ms. Jalanti:

This letter responds to the New York State Department of Environmental Conservation's (NYSDEC's) request for a technical plan for further evaluation and rehabilitation of recovery well RW-D. The NYSDEC request was presented in an October 25, 2004 letter from NYSDEC to Consolidated Edison of New York, Inc. (Con Edison). Based on a review of recovery well RW-D redevelopment efforts that were implemented during September 2024, Con Edison recommends that recovery well RW-D be abandoned and that a new recovery well be installed at a nearby location for monitoring and recovery of dense, non-aqueous phase liquid (DNAPL).

RW-D Evaluation

Con Edison and NYSDEC agree that RW-D exhibits a very slow recharge of water to static water level conditions following pumping which suggests that either the well is screened in low conductivity material or that the screen has become clogged over time with DNAPL or fine particulates. Redevelopment efforts for RW-D were implemented during the week of September 23, 2024. Based in the results of the redevelopment activities (as summarized in an October 21, 2025 letter to the NYSDEC), Con Edison has concluded that:

- Additional redevelopment of RW-D, even with more aggressive surging techniques, is not anticipated to be successful in unclogging the well screen, given the efforts to date.
- Installation of a new well (RW-D2) near the existing well and subsequent abandonment of the existing well is recommended.

New Recovery Well RW-D2 Installation

The following sections detail the new well installation, existing well abandonment, and waste management.

New well RW-D2 is proposed to be installed approximately 10 feet to the north of the existing RW-D location. This proposed location for the new well is shown on Figure 1. The new well will

be installed within the center of a parking space at the 1 Harbor Square property to facilitate access and is contingent upon the property owner's approval of the new well installation activities.

The new well will be installed using sonic drilling methods to an anticipated depth of approximately 40 feet below ground surface (bgs). Soil samples from the boring will be logged and screened to support selection and placement of the screened interval. Con Edison does not propose to collect any soil samples for laboratory analysis.

The proposed construction of new recovery well RW-D2 is shown on Figure 2. The new well will be constructed in general accordance with American Society for Testing Materials (ASTM) D5092 - Standard Practice for Design and Installation of Ground Water Monitoring Wells. Consistent with the existing RW-D, the new well will be constructed using 6-inch diameter PVC well riser with a 10-foot screen and 5-foot long sump. After installation, the new well will be developed by pumping and surging until the turbidity of water removed from the well is reduced to less than 50 nephelometric turbidity units (NTUs) or a minimum of three well volumes are removed from the well. Following development, top of casing and ground surface elevation for the new well will be surveyed. The well will be allowed equilibrate for one week before gauging. If non-aqueous phase liquid (NAPL) is observed, recovery will be performed using a peristaltic pump to pump the NAPL into a drum, consistent with the current monitoring and recovery approach. The NAPL recovery approach will be re-evaluated if appropriate based on the observed NAPL thickness/quantity in the new recovery well.

Existing Recovery Well RW-D Abandonment

After installation of new well RW-D2, Con Edison will continue to monitor both RW-D and RW-D2 to compare simultaneous data from the recovery wells. If it is determined that RW-D is not providing useful data (subject to approval by the NYSDEC), the existing RW-D will be abandoned in accordance with NYSDEC guidance (CP-43: Groundwater Monitoring Well Decommissioning Policy). Decommissioning activities will consist of removing the top 6-feet of well casing, tremie grouting to grade, and removing the surface completion and well cover. Groundwater displaced by the tremie grouting will be captured and pumping into drums for disposal.

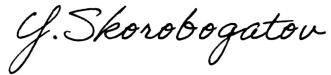
Waste Management

All waste from the new well installation and well abandonment will be containerized in U.S. Department of Transportation-approved 55-gallon drums. The waste will be temporally staged at a nearby Con Edison-owned substation (located on Central Avenue in Ossining) prior to transport for off-site treatment/disposal at a Con Edison-approved disposal facility.

Please feel free to contact me at 917-658-6715 or skorobogatovy@coned.com if you have any questions regarding the above plan.

Ms. Caroline Jalanti
New York State Department of Environmental Conservation
November 22, 2024

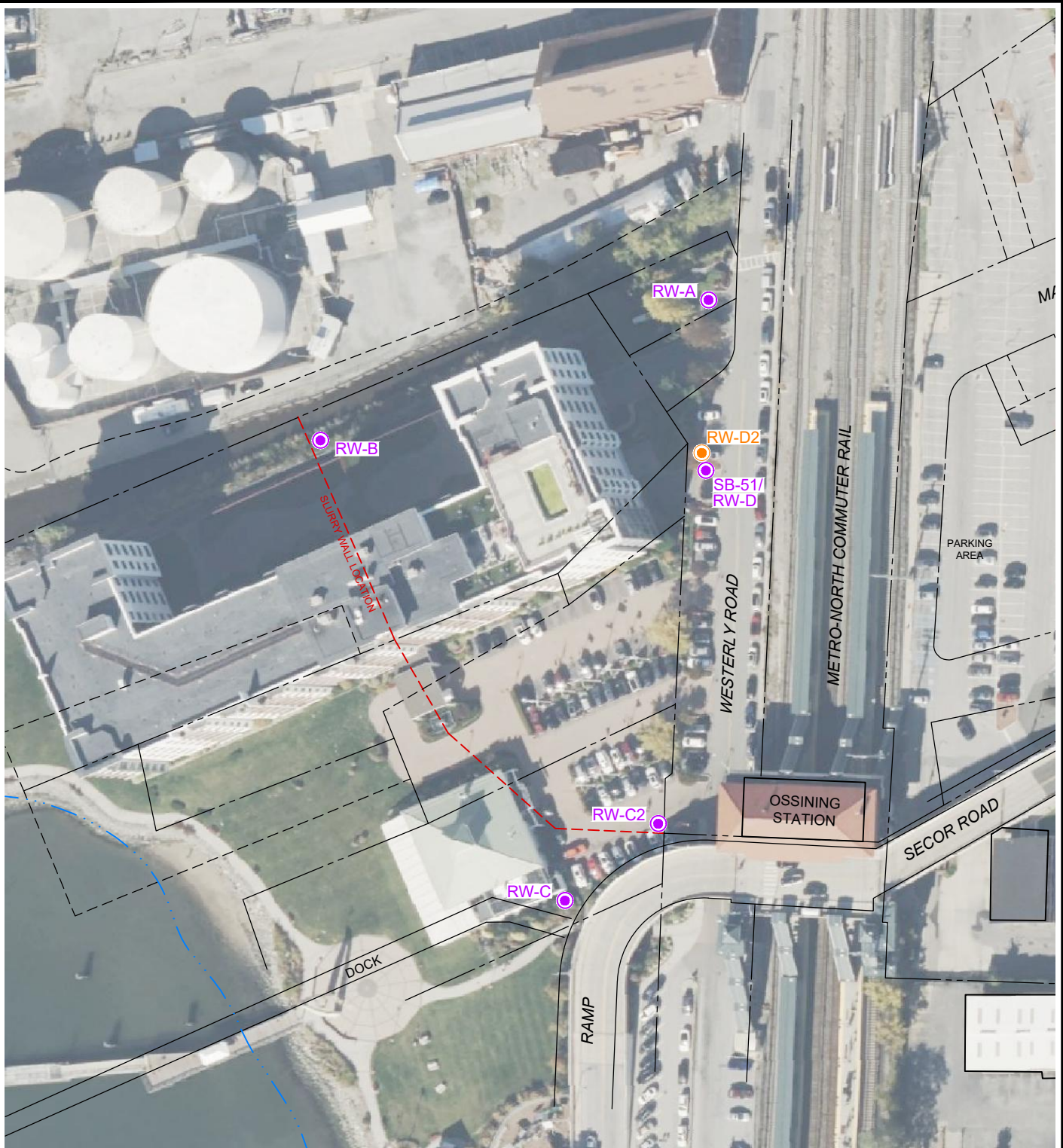
Very truly yours,



Yelena Skorobogatov
Technical Specialist
EH&S, MGP Remediation
Con Edison

cc: Mihir Chokshi, Con Edison
Michael Jones, Arcadis
Matthew Hysell, P.E. Arcadis
Cynthia Buchanan, Arcadis

enc: Figure 1 – Proposed New Recovery Well Location
Figure 2 – NAPL recovery Well Specifications



LEGEND:

- RW-C2 EXISTING RECOVERY WELL
- RW-D2 PROPOSED RECOVERY WELL

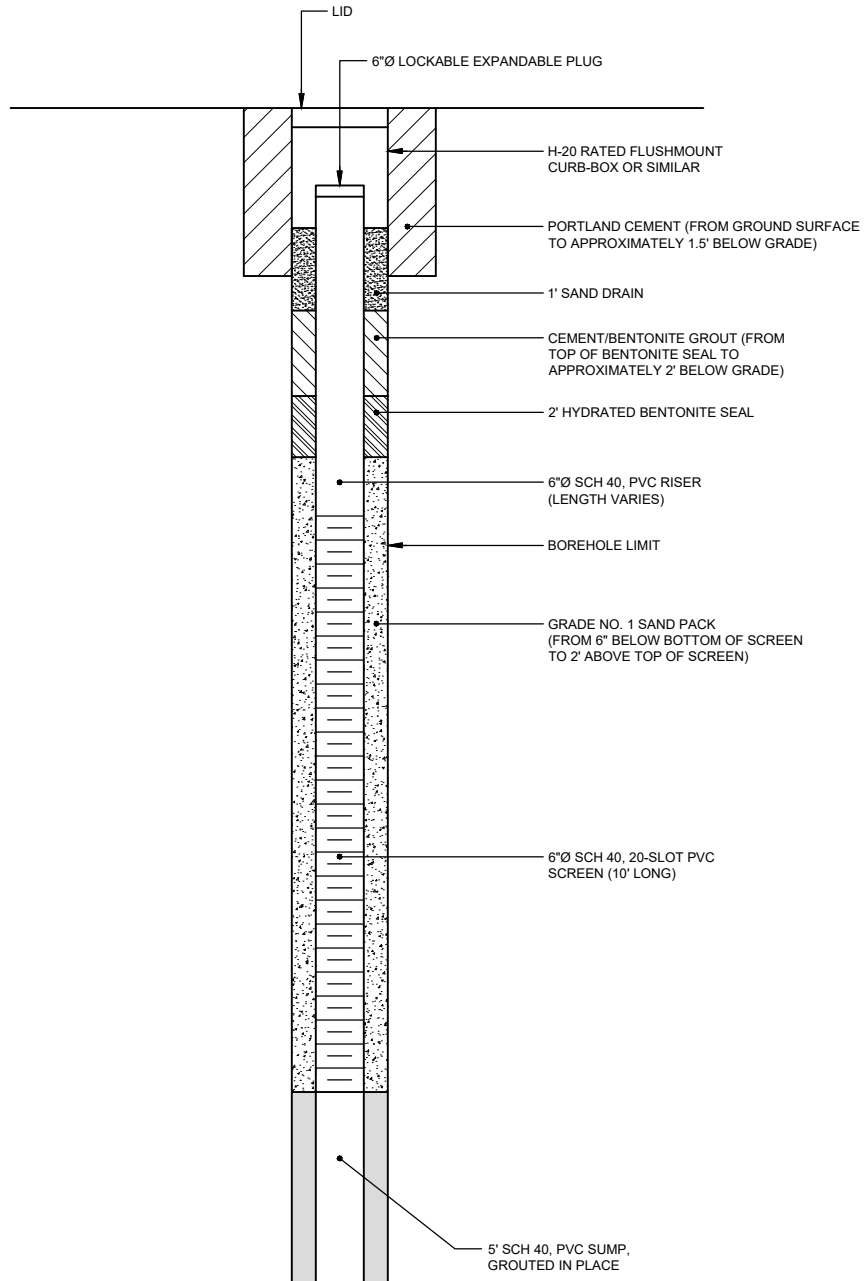
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CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. FORMER OSSINING WORKS SITE OPERABLE UNIT 3 DNAPL MONITORING AND RECOVERY PROGRAM	
PROPOSED NEW RECOVERY WELL LOCATION	
	FIGURE 1

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NAPL RECOVERY WELL

NOT TO SCALE

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
FORMER OSSINING WORKS SITE
OPERABLE UNIT 3
DNAPL MONITORING AND RECOVERY PROGRAM

NAPL RECOVERY WELL SPECIFICATIONS



FIGURE

2