

New York State Department of Environmental Conservation Division of Environmental Remediation. 12th Floor

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MEMORANDUM

TO:

Michael Cruden, Director, Remedial Bureau E MC Robert Strang, Project Manager, Remedial Section D FROM:

Jeffrey Dyber, Section Chief, Remedial Section D THRU:

SUBJECT: Baldwin Place (Site No. 360023) Minor Change to the Selected Remedy

DATE: December 15, 2023

The New York State Department of Environmental Conservation (Department) is making a minor change to the selected remedy for the Baldwin Place Site (Site No. 360023). The Department approved the remedy included in the Record of Decision (ROD), dated November 1995.

The Department is changing the method used to remediate source area groundwater contamination. The ROD remedy called for two source area wells to collect and treat groundwater contamination using granular activated carbon. With this minor change, source area groundwater will no longer be collected and will now be remediated by natural attenuation, which relies on the chemical properties of the subsurface to convert the contaminants into nontoxic chemicals.

After operating the groundwater pump and treat system (GWTS) for 22 years, source area contamination remained at levels exceeding 1000 milligrams per kilogram (mg/kg). WSP, engineering consultant to the Department, conducted a tracer study from 2021-2022 to test the rate at which source area groundwater contamination would migrate downgradient if the GWTS was temporarily shut off. WSP presented the results in a Rebound Evaluation Report, which suggested that the groundwater plume did not move a measurable distance over the course of the study. WSP concluded that operation of the GWTS was not necessary to maintain hydraulic control of the plume, justifying the proposed change. The Rebound Evaluation Report was reviewed and accepted by the Department and the New York State Department of Health (DOH).

The change in remedy will remove monthly GWTS influent and effluent sampling from the long-term monitoring plan. There will not be any change to the groundwater monitoring well or soil vapor sampling routines.

ec: A. Guglielmi

D. Harrington, P.E.