

ITEM 4

80 LISTER AVENUE  
SITE INVESTIGATION REPORT OUTLINE

EXECUTIVE SUMMARY

I. INTRODUCTION

II. SITE HISTORY & EXISTING CONDITIONS

Site Layout/Facilities (Buildings and Tanks)  
Site History of Operations  
Discussion of Existing Facility Condition (status and initial remedial measures.)  
Available Data & Reports from Prior Evaluations

III. REGIONAL SETTING

Climate and Meteorology  
Geology and Landforms  
Hydrogeology  
Surface Water and River System  
Flora and Fauna  
Land Usages

IV. INVESTIGATION PROGRAM AND DATA PRESENTATION

Reference Work Plans/Protocols

sampling/shipping  
chain of custody  
QA/QC  
lab certification (method reference, audits)

Ambient Air

procedures, equipment, locations, time, data table

Industrial Hygiene

site and personnel monitoring  
training program  
medical monitoring (describe program, reference work plan)

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IV. INVESTIGATION PROGRAM AND DATA PRESENTATION (continued)

Drum Handling and Sampling

Buildings/Structures Sampling (including tanks and piping)

wipes, chips, bulk  
data for each structure

Sumps and Sewers

Soil Samples

surface  
boring (boring logs)  
(chemistry/geotechnical analyses)

Groundwater Monitoring

chemical analyses and sample data  
water levels  
well logs  
slug test data  
production well sample

Passaic River Sampling

water levels  
profile/stationing  
water sample analysis  
sediment sample analyses

Off-Site Sampling (Background)

QA/QC Program and Data

spikes, splits, blanks, etc.  
data validation (quality statement)

VI. SITE CHARACTERIZATION (Data Evaluation for Quantities and Material Type)

Ambient Conditions

air sampling, contaminant distribution  
metereology and climate  
personnel monitoring data

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V. SITE CHARACTERIZATION (continued)

Waste Characterization

drummed materials, (solids, liquids, process materials)  
tank materials (solids, liquids, process materials)  
decontamination materials

Facilities

individual buildings  
tank farms  
sewers and sumps

Soils

site geologic model  
fill  
silt  
alluvial sands  
offsite (background)

(Surface soil samples and borings,  
contamination distribution/  
horizontal & vertical)

Groundwater

hydrogeologic model (flow quantities and direction characterizing  
pathways for shallow and deep aquifers)  
contaminant distribution (contaminant loading)  
offsite (upgradient)

River

surface water  
sediments

VI. INVESTIGATION PROGRAM COMPLETENESS EVALUATION

Adequacy of Data

Suitability and Significance for Feasibility Study

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