

SITE SPECIFIC QUALITY ASSURANCE
PROJECT PLAN
FOR
Monroe Electronics
REMEDIAL INVESTIGATION / FEASIBILITY
STUDY

*Monroe Electronics
100 Housel Avenue
Lyndonville, New York
(Site Code #837013)
(WA #D006130-18)*

January 2011

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7017

Prepared by:
HRP Engineering P.C.
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SITE SPECIFIC QUALITY ASSURANCE PROJECT PLAN

for

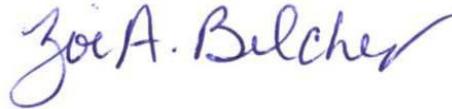
Monroe Electronics

100 Housel Avenue, Lyndonville, NY

D006130-18

CERTIFICATION

This site specific Quality Assurance Project Plan (QAPP) has been prepared under the supervision of, and has been reviewed by, HRP's Quality Assurance Officer.



Zoé A. Belcher, L.G., R.B.P.
Project Manager / HRP Quality Assurance Officer

"I Zoe A Belcher certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Work Plan was prepared in accordance with all applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER 10)."

HRP ENGINEERING, P.C.

SITE SPECIFIC QUALITY ASSURANCE PROJECT PLAN FOR:

PROJECT:	<u>REMEDIAL INVESTIGATION / FEASIBILITY STUDY</u>
ADDRESS:	<u>Monroe Electronics</u> <u>100 House Avenue</u> <u>Lyndonville, New York</u>
DEC SITE ID:	<u># 837013</u> <u>NYSDEC Standby Contract, D006130-18</u>
HRP JOB#:	<u>NEW9617.P2</u>

PURPOSE

This site specific Quality Assurance Project Plan (QAPP) has been prepared as a companion document to accompany the generic QAPP for the standby subcontract issued to HRP Engineering, P.C. (HRP) by the New York State Department of Environmental Conservation (NYSDEC) under Standby Contract No. D006130. The principal purpose of this document is to specify quality assurance/quality control (QA/QC) procedures for the collection, analysis, and evaluation of data that will be legally and scientifically defensible. Details regarding the site specific scope of work are documented in the FAP.

QUALITY ASSURANCE PROJECT PLAN OBJECTIVES

The generic QAPP provides general information and references standard operating procedures (SOPs) applicable to the analytical sampling program detailed in the site-specific work assignment contained in the addendum to the generic Health and Safety Plan for the above referenced site. This information includes definitions and generic goals for data quality and required types and quantities of QA/QC samples. The procedures address field documentation; sample handling, custody, and shipping; instrument calibration and maintenance; auditing; data reduction, validation, and reporting; corrective action requirements; and QA reporting specific to the analyses performed by the laboratories under subcontract to HRP.

PROJECT ORGANIZATION AND RESPONSIBILITIES

The work assignment will be managed through an organized effort of scientific and engineering personnel and technical resources. These efforts will employ pre-approved field procedures, sampling techniques, and analytical methods to accomplish the project objectives. Effective program organization will accommodate these requirements while maintaining a manageable degree of control over these activities.

OVERALL PROJECT ORGANIZATION

The project-specific organizational and management plan is detailed in the site-specific Health and Safety Plan.

TABLE 1 in this QAPP lists the sample containers, preservation, and holding time requirements for the parameters specific to this site. These tables will be referenced by field personnel.

TABLE 1
SAMPLE CONTAINERS, PRESERVATION, AND HOLDING TIME REQUIREMENTS

Monroe Electronics, 100 Housel Avenue, Lyndonville, NY (D006130-18)

Parameter	Matrix	Number of Samples (including Field QC)	Preparation Method	Analytical Method*	Containers per Sample			Preservation Requirements			Maximum Holding Time
					No.	Size	Type	Temp.	Light Sensitive	Chemical	
SOIL											
VOCs by GC/MS	Soil/Sediment	30 soil; 2 duplicates; 2 MS/MSD	5035A	SW-846 Method 8260B	3 vials 1 jar	40 ml vials, any size jar	glass vials clear glass jar	2-6° C	No	MeOH/ freezing/ Deionized Water	14 days
TAL Metals (except Hg) by ICP	Soil/Sediment	10 soil; 2 duplicates; 1 MS/MSD	3050B	SW-846 Method 6010B	1	8 oz	clear glass jar	NA	No	NA	6 months
Mercury (Hg) by CV	Soil/Sediment	10 soil; 2 duplicates; 1 MS/MSD	7471A	SW-846 Method 7471A	1	8 oz	clear glass jar	NA	No	NA	28 days
Chlorinated Pesticides by GC	Soil/Sediment	10 soil; 2 duplicates; 1 MS/MSD	3546	SW-846 Method 8081A	1	8 oz	clear glass jar	2-6° C	No	NA	14 days
GROUNDWATER											
VOCs by GC/MS	Aqueous	16 water; 2 duplicates; 2 MS/MSD; 1 trip blank	5035	SW-846 Method 8260B	2	40 ml	glass vial	2-6° C	No	HCL	14 days
AIR											
TO-15	Air	6 air	NA	EPA TO-15	1	3-Liter, 6- Liter	Summa Canister		No	NA	30 days

Acronym List:
 GC: Gas Chromatography
 ICP: Inductively Coupled Plasma
 HCL: Hydrochloric Acid
 MeOH: Methanol
 CV: Cold Vapor
 VOCs: Volatile Organic Compounds
 TAL: Target Analyte List
 MS: Mass Spectroscopy
 Hg: Mercury
 ml: milliliters
 C: Celcius
 NaOH: Sodium Hydroxide
 NA: Not Applicable