

WASTE INVENTORY AND CLASSIFICATION PLAN

SYRACUSE FIRE TRAINING CENTER
Syracuse, New York

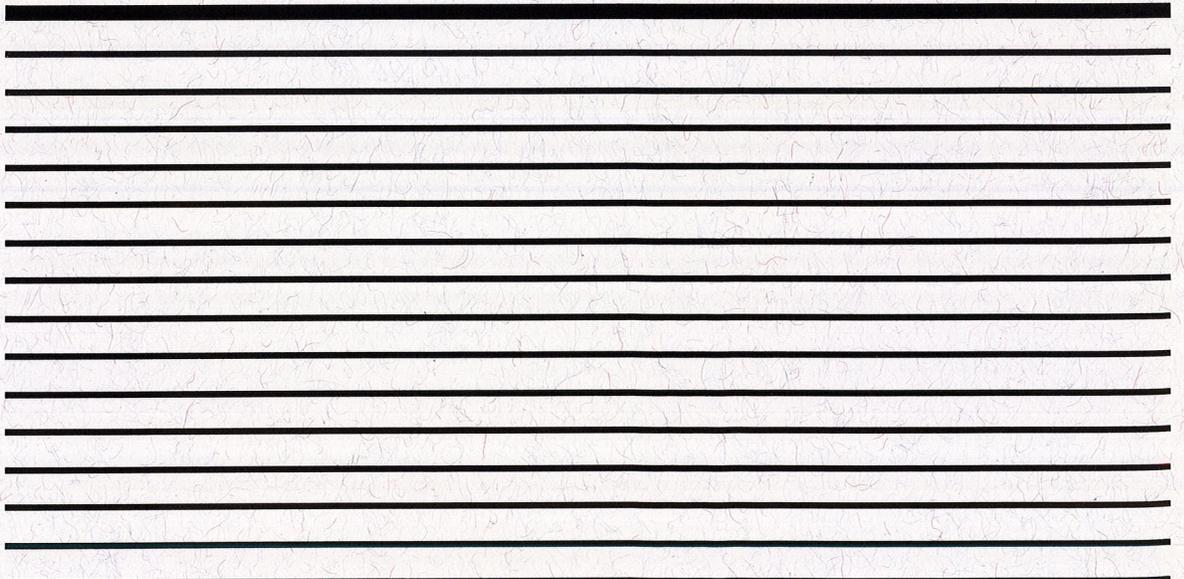
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WASTE INVENTORY AND CLASSIFICATION PLAN

As required by Section 02224 of the Syracuse Fire Training Center Site Remediation Contract Documents, this Waste Inventory and Classification Plan has been developed to describe the methods to be used to inventory and classify the wastes presently on site and those wastes generated during the site remediation activities. This plan shall also list the waste transporters, disposal facilities, analytical laboratory and all their certifications and licenses.

Waste Inventory

The wastes to be inventoried shall include containerized materials and stockpiled soils and debris. The drums shall be inventoried prior to and after loading on to the transportation vehicle. Initially, OBG Tech personnel shall inventory each of the existing on-site drums for the contents and drum conditions. Each drum shall be given a number designation for tracking purposes. The attached drum inventory form shall be utilized for the initial drum inspection. The waste inventory log shall track the individual drum from the time it is inventoried until it is manifested for final disposition.

Following receipt of the wastes by the disposal facility, manifests shall be sent back to OBG Tech who will subsequently submit all originals to the Engineer. Additionally, OBG Tech shall request a certificate of disposal for each waste shipment, and these documents shall also be forwarded to the Engineer.

Waste Classification

Each type of waste that is existing on site or waste that will be generated as a result of the site remediation activities will be classified as a hazardous or non-hazardous waste. Wastes shall be classified in accordance with the Contract Documents and the disposal facility requirements. As required by the Contract Documents, all wastes shall be sampled for waste characterization purposes. As indicated in the site-specific Sampling and Analysis Plan, wastes being offered for off-site disposition shall be submitted to an approved laboratory for the following analyses:

- Ignitability SW846 Method 1010
- Corrosivity SW846 Method 1110
- Reactivity SW846 Method 9010, 9030
- TCLP SW846 Method 1311
(Full Scan)
- PCBs SW846 Method 8080

Representative samples of each waste stream shall be collected and submitted for the required laboratory analyses. The representative samples shall be collected by taking individual grab samples and compositing equal amounts (by volume) of the grab sample into one composite. Drum composites shall be collected from drums containing physically similar materials and/or materials which historical data indicates are contaminated from a similar source. Composites of excavated soils shall be collected from the soil stockpiles. Grab samples of stockpiled materials shall be collected, at a minimum, for every 50 cubic yards of stockpiled material. Composite samples shall be developed to best represent the overall stockpile using equal volumes of the representative grab samples. Disposal facilities may require a representative sample for a specified volume, otherwise it will be left to the discretion of the Engineer as to the frequency of sample collection.

Wastes generated during site dewatering activities which require off-site disposition shall also be sampled and characterized for waste disposal purposes. These wastes shall be submitted for the above referenced analyses and any other analyses required by the selected disposal facility. Following receipt of the waste analyses, the data shall be submitted to the Engineer prior to off site disposition.

Samples of all wastes being submitted for characterization purposes shall be submitted to:

Galson Laboratories
6601 Kirkville Road
East Syracuse, NY 13057

NYSDOH ELAP ID# 10186
Initial Accreditation Date: 1984 (1977 for potable water analysis)
Accredited for: potable water, non-potable water, environmental analysis for solid and hazardous waste, air and emissions.

Sample collection, handling and laboratory procedures shall be conducted in accordance with the site-specific Quality Assurance Plan and Sampling and Analysis Plan.

Following receipt of the waste classification analytical data, OBG Tech shall evaluate the data to determine if contaminant concentrations exceed those designated under 40CFR261. Should these concentrations exceed those specified under 40CFR261 and/or 6NYCRR Part 371, the waste shall be classified as hazardous. If the analytical data indicates concentrations are lower than those specified by 40CFR261 and 6NYCRR Part 371, the waste shall be classified as non-hazardous.

The data shall be included as part of the waste profile package submitted to the hazardous and non-hazardous disposal facilities. OBG Tech shall complete all required waste profile information as required by the disposal facility and submit the package to the Engineer for review. The waste profile package must be signed by an authorized agent of the waste generator prior to submittal of the package to the disposal facility.

The waste transporters and disposal facilities shall maintain all appropriate state and federal permits and licenses to transport and dispose non-hazardous and/or hazardous wastes. Proposed waste transporters and disposal facilities include:

Disposal facilities:

Non-hazardous wastes - Ontario County Landfill
2962 County Road 48
Canandaigua, NY 14424
Phone no. 716-396-4455
NYSDEC Permit No. 8-3244-00009/00002-0 (expires 01/01/97)

Hazardous wastes - Wayne Disposal Inc.
49350 North Service Road
Belleville, MI 48111
Phone no. 800-592-5489
EPA ID# MID048090633
(RCRA wastes only)

CWM Chemical Services Inc.
1550 Balmer Road
Model City, NY 14107
Phone no. 800-843-3604
EPA ID# NYD049836679
(RCRA and TSCA wastes accepted)

Transporters:

Non-hazardous wastes - Page ETC Inc.
Trombley Road, P.O. Box 1290
Weedsport, NY 13166
NYSDEC Permit No. 7A-296
EPA ID# NYD986969947

Hazardous wastes - Buffalo Fuel Corp.
2470 Allen Avenue, P.O. Box 1038
Niagara Falls, NY 14303
Phone no. 716-773-1921
NYSDEC Permit No. 9A-098
EPA ID# NYD051809952

Following review of the waste profile information and approval of the waste by the disposal facility, OBG Tech shall schedule the wastes with the disposal facility. A draft copy of the manifest shall be prepared for review by the Engineer prior to scheduling the waste shipment. OBG Tech shall prepare the manifest(s) for the generator's authorized agent signature. The authorized agent must be present for each waste shipment.

OBG Tech shall retain the generator's copy of the waste manifest, copies shall be made for recordkeeping purposes, and the original shall be returned to the Engineer.

DRUM INVENTORY LOG

DRUM NO. DESIGNATION _____ DATE _____

INSPECTOR INITIALS _____

DRUM CONDITIONS _____

DRUM CONTENTS SOLID _____ LIQUID _____

DRUM CONTENTS DESCRIPTION _____

DATE SAMPLED _____ (if composited with other drum contents, please note)

SAMPLE NO. _____ DATE SUBMITTED TO LAB _____

DATE SHIPPED _____ MANIFEST NO. _____