

**Quality Control Plan for In-House Development of
Scope of Work for the Remediation of the
Painesville, Ohio FUSRAP Site**

Project Location: Painesville, Ohio.

Product Description: Prepare a Scope of Work (SOW) for the remediation of the Painesville site. This will include Project Work Plans as well as the Remedial Action.

Project Coordination: [REDACTED] will provide functional managerial interface with [REDACTED] Project Engineer, for the project management purposes, and will have the primary responsibility for interface with the public.

[REDACTED] is the Design Engineer and will be responsible for technical accuracy and acceptability of the contract SOW.

Customer Quality Objective: Successful award of the SOW that meets the objectives set forth in the Proposed Plan and Record of Decision.

Contracting Mechanism: The SOW is intended for use with one of the Buffalo District's Preplaced Remedial Action Contracts (PRAC), which will be determined at a later date through the acquisition strategy process.

Customer: Congress, especially local congressman [REDACTED], is also considered a customer since the FUSRAP program is funded through the legislative branch.

[REDACTED]
1 Victoria Place, Room 320
Painesville, Ohio 44077
Telephone: (440) 352-3939

[REDACTED] of the Buffalo District Technical Services Division (TSD) is the internal customer for this scope of work. [REDACTED]'s responsibility is to ensure appropriate funding is in place to pay labor associated with development of this scope of work.

[REDACTED]
CELRB-TD-EE
1776 Niagara Street
Buffalo, New York 14207-3199
[REDACTED]

Stakeholders: Crompton Corporation (Formerly Uniroyal Chemical Company) and Twin Rivers Technologies (Formerly Lonza Chemical Company) are the current property owners that will be impacted by this remedial design. See table below for stakeholder contact information.

The Ohio Environmental Protection Agency (Ohio EPA) and Ohio Department of Health (ODH) are also stakeholders on this project. The primary point of contact with the Ohio EPA is [REDACTED]. The primary point of contact for the ODH is [REDACTED]. See table below for stakeholder contact information.

Crompton Corporation (Formerly Uniroyal Chemical)

[REDACTED]	[REDACTED]
Vice President, Environmental Health, Safety & Regulatory Affairs	Site Manager
Benson Road	720 Fairport Nursery Road
Middlebury, CT 06749	Painesville, OH 44077
[REDACTED]	[REDACTED]

Twin Rivers Technologies formerly Lonza Chemical Company

[REDACTED] –	[REDACTED]
Safety, Health & Environmental Manager	Director of Environmental Safety
679 Hardy Road	780 Washington Street
Painesville, OH 44077	Quincy, MA 02169
[REDACTED]	[REDACTED]

Ohio Environmental Protection Agency (Ohio EPA)

[REDACTED] Site Coordinator
Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087
[REDACTED]

Ohio Department of Health (ODH)

[REDACTED]
Bureau of Radiological Health
246 North High Street
P.O. Box 118
Columbus, OH 43266
[REDACTED]

Product Delivery Team:

In-House Product Team: The following individuals will review the SOW to ensure that it meets all the design criteria, environmental and real estate requirements:

Name	Title	Grade
	Project Manager/Project	GS-12
	Design Engineer	GS-9
	Health Physicist	GS-12
	Industrial Hygienist	GS-12
	Chemist	GS-12
	Counsel	GS-14
	Civil Engineer	GS-11
	Contracting Officer	GS-13
	Cost Engineer	GS-12
	Real Estate Attorney	GS-13
	Hydrogeologist	GS-11
	Risk Assessor	

Supervision of the PDT Members (Team Leaders & Branch Chiefs): These individuals assign team members to projects and are ultimately responsible for work performed by members of their team (i.e., Environmental Analysis Team, Cost Engineering Team, etc.). Review of this work, whether through informal discussions or formal reviews, shall serve as a quality assurance check to ensure the work is technically complete and accurate before a product leaves a section team. These individuals, along with the rest of the Product Delivery Team and Independent Technical Review Team will be provided copies of the approved Quality Control Plan and any updates.

Name	Title	Grade
	Chief, Design Branch	GS-14
	Chief, Environmental Branch	GS-14
	Chief, Operations & Readiness Branch	GS-14
	Env. Engineering Team Leader	GS-13
	Cost Engineering Team Leader	GS-13
	Environmental Health Team Leader	GS-13
	General Design Team Leader	GS-13
	Cleveland Project Office Leader	GS-13

Independent Technical Review (ITR) Team: A qualified team not associated with development of the SOW will review the SOW for excavation and disposal of radioactive soils. The review team will confirm the proper application of clearly established criteria, regulations, laws, codes, principles and professional procedures, check the appropriateness of data used, and reasonableness of the results and functionality of the product relative to the customer's requirements.

Because this is an excavation and disposal proposal, Safety and Health, and Radiation Protection experience is essential in the ITR process.

The following have been selected for the ITR Team:

Name	Title	Grade
[REDACTED]	Environmental Engineer	GS-11
[REDACTED]	Health Physicist	GS-13
[REDACTED]	Cost Engineer (RTS)	GS-13

ITR Shadow. The ITR Shadow program allows more senior staff to help junior staff learn become familiar with the ITR Process and may also be used to aid in cross training. The following individual has been selected as an ITR Shadow:

Name	Title	Grade
[REDACTED]	Environmental Engineer	GS-9

Quality Assurance: Based on Table B-6-2 of the LRD QMP, approval level of this QCP is with Buffalo District.

HTRW Center of Expertise Review: This FUSRAP project is designated a Category B project on the HTRW Screening Matrix. The HTRW Document Control Center is responsible for distribution of the documents and incorporation of HTRW-CX staff comments. [REDACTED] of the HTRW Center of Expertise is the Technical Liaison Manager at the CX.

Labor and Cost Estimates: Funds for this effort were included in the FY03 budget for this project.

Signatures:

This Quality Control Plan has been coordinated with the Project Manager, Branch Chiefs and Coordinators/Leaders of the listed team members to verify they are available and committed to participate as specified in this QCP.

Prepared by:

[Redacted Signature]

Design Engineer, CELRB-TD-DG

13-Mar-03

Date

Reviewed by:

[Redacted Signature]

Project Manager, CELRB-TD-EE

3/13/03

Date

Approved by:

[Redacted Signature]

Chief, Technical Services Division, CELRB-TD

3/19/03

Date