

**Quality Control Plan for In-House Development of a
Proposed Plan for Remediation of the
Painesville FUSRAP Site**

1.0 Project Location: Painesville FUSRAP Site, Painesville, Ohio

2.0 Product Description: Proposed Plan for Remediation.

3.0 Project Coordination: [REDACTED] is the Project Manager and Project Engineer.

4.0 Contracting Mechanism: No contract will be used for this project.

5.0 Customers/Stakeholders: Congress is considered the primary customer for this project, since the legislative branch allocates FUSRAP appropriations. The local congressman is the [REDACTED]

The two primary stakeholders on this project are the property owners, the Crompton Manufacturing Company, and Twin Rivers Technologies. The point of contact for the Crompton Manufacturing Company is [REDACTED] PhD, Vice President of Environmental Health, Safety and Regulatory Affairs. The point of contact for Twin Rivers Technologies is [REDACTED], Director of Environmental Safety.

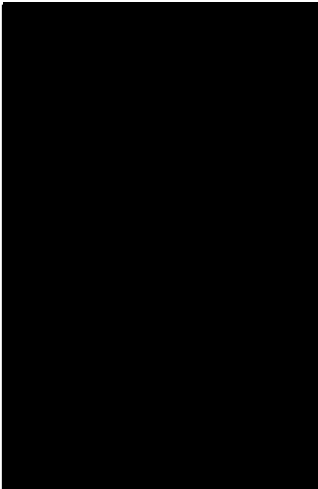
The Ohio Environmental Protection Agency (Ohio EPA) and the Ohio Department of Health are also stakeholders for this project. The primary point of contact with the Ohio EPA is [REDACTED], of the Ohio EPA Northeast District Office. The primary point of contact with ODH is [REDACTED], of the ODH Bureau of Radiological Health.

6.0 Project Delivery Team (PDT):

6.1 In-House PDT: The following individuals will review the Proposed Plan to ensure that it meets all the design criteria, environmental and real estate requirements.

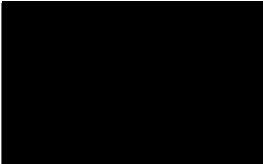
[REDACTED]	Project Manager, Project Engineer	LRB-TD-EE
[REDACTED]	Health Physicist	LRB-TD-EH
[REDACTED]	Industrial Hygienist	LRB-TD-EH
[REDACTED]	Chemist	LRB-TD-EH
[REDACTED]	Design Engineer	LRB-TD-DG
[REDACTED]	Cost Engineer	LRB-TD-DE
[REDACTED]	Cleveland Office Representative	LRB-TD-OOC
[REDACTED]	Counsel	LRB-OC
[REDACTED]	Contracting	LRB-CT
[REDACTED]	Risk Assessor	LRL-ED-E-E
[REDACTED]	Hydrogeologist	LRN-EC-R
[REDACTED]	Real Estate	LRE-RE

6.2 Supervision of the PDT Members (Team Leaders and 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 Project Delivery Team and Independent Technical Review Team will be provided copies of the approved Quality Control Plan and any updates.



Chief, Environmental Branch	LRB-TD-E
Env. Engineering Team Leader	LRB-TD-EE
Env. Health Team Leader	LRB-TD-EH
Chief, Design Branch	LRB-TD-D
General Design Team Leader	LRB-TD-DG
Cost Engineering Team Leader	LRB-TD-DE
Chief, Operations & Readiness Branch	LRB-TD-O
Cleveland Project Office Team Leader	LRB-TD-OOC
Chief, Office of Counsel	LRB-OC
Chief, Contracting Division	LRB-CT
Chief, Real Estate (LRE)	LRE-RE
Chief, Design Section (LRN)	LRN-EC-R-D
Chief, Env. Engineering Branch (LRL)	LRL-ED-E

7.0 Independent Technical Review (ITR) Team: A review by a qualified person or team, not affiliated with the development of a project/product, for the purpose of confirming the proper application of clearly established criteria, regulations, laws, codes, principles and professional procedures. It includes the verification of assumptions, methods, and level of complexity of the analysis. It also verifies the alternatives evaluated, appropriateness of data used, and reasonableness of the results and functionality of the product relative to the customer's requirements.



Environmental Engineer	LRB-TD-EE
Health Physicist	LRB-TD-EH
Design Engineer	LRB-TD-D
Construction	LRB-TD-CM

7.1 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.



Environmental Engineer	LRB-TD-EE
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8.0 Quality Assurance:

8.1 LRD Involvement

Approval of the final Proposed Plan is with LRD. The Proposed Plan will be sent to LRD for review concurrent with the HTRW-CX review. The points of contact at LRD are [redacted], CELRD-GL-P-CE, and [redacted], CELRD-MT-M.

8.2 CX Review

According to the HTRW Screening Matrix for Category B projects (Table 2), CX review is required for this type of project, and Eric Hines will coordinate review efforts at the CX.

8.3 Headquarters Involvement

The Proposed Plan will be sent to Headquarters for review concurrent with the HTRW-CX review. The point of contact at Headquarters is [redacted], CEMP-RS.

9.0 Product Development Schedule:

<u>EXPECTED COMPLETION</u>	<u>MILESTONE</u>
14 February 2003	1 st Draft Proposed Plan - Begin ITR
28 February 2003	Independent Technical Review
14 March 2003	2 nd Draft Proposed Plan - Begin CX/LRD/HQ Review
18 April 2003	HTRW-CX, LRD, Headquarters Review
2 May 2003	3 rd Draft Proposed Plan - Begin Stakeholder Review
30 May 2003	State/Property Owner Review
13 June 2003	Public Review Draft Proposed Plan
11 July 2003	Public Review Period
25 July 2003	Final Proposed Plan

10.0 Labor & Cost Estimates

Funds for this effort were included in the FY03 budget for this project.

11.0 Signatures:

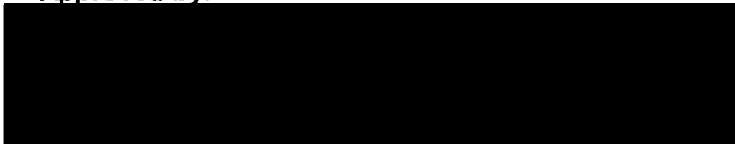
The QCP Preparer has coordinated with the Section Team Leaders of the listed team members to verify they are available and committed to participate as specified in this QCP.

Prepared by:



1/15/03
Date

Approved by:



1/21/03
Date