

## Table of Contents

<b>1</b>	<b>Introduction.....</b>	<b>1</b>
<b>2</b>	<b>Background.....</b>	<b>2</b>
2.1	<i>Existing Environmental Conditions.....</i>	3
2.2	<i>Evaluation of Contaminants of Potential Concern in Site Media.....</i>	3
2.2.1	<i>Bridge Coating Sampling and Analysis.....</i>	4
2.2.2	<i>Soil Sampling and Analysis.....</i>	5
2.2.3	<i>Results - Identified as Media Containing COC .....</i>	6
2.2.4	<i>Lead Mobility and Toxicity Evaluation:.....</i>	8
2.2.5	<i>Arsenic in Soil.....</i>	9
2.2.6	<i>PCBs in Soil.....</i>	10
2.2.7	<i>Chemicals of Concern and Construction Materials.....</i>	10
<b>3</b>	<b>Summary of Potential Environmental Hazards.....</b>	<b>12</b>
<b>4</b>	<b>Notification Requirements.....</b>	<b>15</b>
4.1	<i>Key Project Personnel.....</i>	15
<b>5</b>	<b>Requirements for Onsite Environmental Oversight.....</b>	<b>17</b>
<b>6</b>	<b>Construction Activities .....</b>	<b>20</b>
<b>7</b>	<b>Soil Management Plan.....</b>	<b>21</b>
7.1	<i>Soil Management .....</i>	21
7.1.1	<i>Field Identification of Contaminated Soil.....</i>	22
7.1.2	<i>Dust and Erosion Control.....</i>	22
7.1.3	<i>Excavation .....</i>	23
7.2	<i>Soil Reuse.....</i>	23
7.2.1	<i>Record Keeping .....</i>	23
<b>8</b>	<b>Groundwater Management Plan.....</b>	<b>25</b>
8.1	<i>Groundwater Management .....</i>	25
<b>9</b>	<b>Free Product Management Plan.....</b>	<b>26</b>
<b>10</b>	<b>Storm Water Management Plan.....</b>	<b>26</b>
<b>11</b>	<b>Vapor Management Plan.....</b>	<b>27</b>
<b>12</b>	<b>Spill or Release Response.....</b>	<b>28</b>
12.1	<i>Release Response.....</i>	28
12.2	<i>Release Reporting .....</i>	28
<b>13</b>	<b>Worker Protection.....</b>	<b>30</b>
<b>14</b>	<b>Decontamination.....</b>	<b>31</b>
14.1	<i>Decontamination of Tools and Personnel.....</i>	31
14.2	<i>Decontamination of Vehicles and Equipment .....</i>	32

<b>15 Recordkeeping and Reporting Requirements .....</b>	<b>33</b>
<b>16 References .....</b>	<b>34</b>

## Tables

Table 2-1: Lead Paint Chip Samples Nanue Bridge.....	5
Table 2-2: Nanue Bridge Lead Soil Sample Results 2024 .....	7
Table 2-3: Nanue Bridge Arsenic Soil Sample Results 2024 .....	9
Table 3-1: Environmental Hazards .....	12
Table 3-2: Chronic and Acute Direct Exposure Hazards.....	13
Table 4-1: Key Project Personnel.....	15
Table 5-1: Project Activities When QEP Must Be Present .....	19
Table 5-2: Frequency of QEP Monitoring Activities.....	19

## Figures

Figure 1: Site Location Map – Tax Map Key Parcels
Figure 2: Lead Paint Sample Locations and ID
Figure 3a: Total Lead 0 to 3 inches
Figure 3b: Total Lead 3 to 6 inches
Figure 3c: Total Lead 6 to 9 inches
Figure 4: Total Arsenic 0 to 9 inches
Figure 5: Environmental Hazard Map

## Appendices

Appendix A1: 2024 Sampling Results Summary Tables RCR8 and PCBs
Appendix A2: 2024 Laboratory Analytical Reports
Appendix B1: SPLP Results
Appendix B2: Toxicity Characteristic Leaching Procedure Results
Appendix C: Limited Lead Paint Sampling Report