

## REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

This work shall be according to Article 669 of the Standard Specifications and the following:

Qualifications. The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is pre-qualified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for sites contaminated with gasoline, diesel, or waste oil in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval. The environmental firm selected shall not be a former or current consultant or have any ties with any of the properties contained within and/or adjacent to this construction project.

General. This Special Provision will likely require the Contractor to subcontract for the execution of certain activities.

All contaminated materials shall be managed as either "uncontaminated soil" or non-special waste. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances. The Environmental Firm shall continuously monitor all soil excavation for worker protection and soil contamination. **Phase I Preliminary Engineering information is available through the District's Environmental Studies Unit.** Soil samples or analysis without the approval of the Engineer will be at no additional cost to the Department. The lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit whichever is less.

The Contractor shall manage any excavated soils and sediment within the following areas:

### Site 2531V-37 (Residential Buildings)

- Station 79+75 to Station 81+05 (CL IL Route 59), 0 to 95 feet RT (Residential Buildings, PESA Site 2531V-37, 9N041-9N107 IL 59 and 300-338Pebble Beach Lane, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 81+05 to Station 85+05 (CL IL Route 59), 0 to 70 feet RT (Residential Buildings, PESA Site 2531V-37, 9N041-9N107 IL 59 and 300-338Pebble Beach Lane, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 86+45 to Station 87+05 (CL IL Route 59), 0 to 100 feet RT (Residential Buildings, PESA Site 2531V-37, 9N041-9N107 IL 59 and 300-338Pebble Beach Lane, Bartlett). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

### Site 2531V-41 (Vacant Land)

- Station 81+75 to Station 84+25 (CL IL Route 59), 0 to 40 feet LT (Vacant Land, PESA Site 2531V-41, 9N100 block of IL 59, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 93+00 to Station 95+55 (CL IL Route 59), 0 to 100 feet LT (Vacant Land, PESA Site 2531V-41, 9N100 block of IL 59, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 95+55 to Station 95+80 (CL IL Route 59), 0 to 200 feet LT (Vacant Land, PESA Site 2531V-41, 9N100 block of IL 59, Bartlett). This material meets the criteria of Article

669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.

Site 2531V-36 (Residence)

- Station 87+05 to Station 87+75 (CL IL Route 59), 0 to 100 feet RT (Residence, PESA Site 2531V-36, 9N125 IL 59, unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 87+75 to Station 89+10 (CL IL Route 59), 0 to 100 feet RT (Residence, PESA Site 2531V-36, 9N125 IL 59, unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 89+10 to Station 90+10 (CL IL Route 59), 0 to 100 feet RT (Residence, PESA Site 2531V-36, 9N125 IL 59, unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

Site 2531V-35 (Scholl's 4 Season's Motorsports Inc.)

- Station 90+10 to Station 91+55 (CL IL Route 59), 0 to 100 feet RT (Scholl's 4 Season's Motorsports Inc., PESA Site 2531V-35, 9N175 IL 59, unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

Site 2531V-34 (Vacant Land)

- Station 92+60 to Station 93+80 (CL IL Route 59), 0 to 80 feet RT (Vacant Land, PESA Site 2531V-34, 700-800 blocks of Lake Street, Bartlett, and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 212+15 to Station 214+10 (CL US Route 20), 0 to 160 feet RT (Vacant Land, PESA Site 2531V-34, 700-800 blocks of Lake Street, Bartlett, and unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

Site 2531V-43 (ROW)

- Station 95+80 to Station 96+95 (CL IL Route 59), 0 to 200 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.
- Station 98+00 to Station 100+80 (CL IL Route 59), 0 to 50 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 100+80 to Station 101+60 (CL IL Route 59), 0 to 85 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 103+65 to Station 105+25 (CL IL Route 59), 0 to 75 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Lead and Manganese.
- Station 105+25 to Station 106+00 (CL IL Route 59), 0 to 190 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Lead and Manganese.

- Station 193+00 to Station 194+80 (CL US Route 20), 0 to 240 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(4) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzo(a)pyrene, Benzo(b)fluoranthene, and Dibenzo(a,h)anthracene.
- Station 194+80 to Station 195+60 (CL US Route 20), 0 to 240 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Iron.
- Station 195+60 to Station 197+25 (CL US Route 20), 0 to 190 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Iron.
- Station 197+25 to Station 199+50 (CL US Route 20), 0 to 60 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Lead, and Iron.
- Station 0+45 to Station 3+00 (CL Ramp A), 0 to 105 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.
- Station 3+00 to Station 5+25 (CL Ramp A), 0 to 30 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 5+25 to Station 8+50 (CL Ramp A), 0 to 160 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Lead, Iron, and Manganese.
- Station 114+45 to Station 116+50 (CL Ramp C), 0 to 100 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.

Site 2531V-18 (Residences and Vacant Land)

- Station 99+60 to Station 101+60 (CL IL Route 59), 0 to 80 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 101+60 to Station 105+35 (CL IL Route 59), 0 to 90 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic and Manganese.
- Station 105+35 to Station 108+00 (CL IL Route 59), 0 to 90 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 109+25 to Station 112+15 (CL IL Route 59), 0 to 60 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material

meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic and Manganese.

- Station 112+15 to Station 113+00 (CL IL Route 59), 0 to 80 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic and Manganese.
- Station 201+55 to Station 203+60 (CL US Route 20), 0 to 60 feet LT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

#### Site 2531V-56 (Residential Buildings)

- Station 106+00 to Station 107+40 (CL IL Route 59), 0 to 190 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 108+20 to Station 109+45 (CL IL Route 59), 0 to 105 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 109+45 to Station 110+30 (CL IL Route 59), 0 to 70 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 110+30 to Station 111+90 (CL IL Route 59), 0 to 70 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 0+45 to Station 3+65 (CL Ramp A), 0 to 70 feet RT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 3+65 to Station 10+15 (CL Ramp A), 0 to 70 feet RT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Lead, Iron, and Manganese.
- Station 186+80 to Station 189+05 (CL US Route 20), 0 to 80 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Lead.
- Station 189+05 to Station 190+80 (CL US Route 20), 0 to 80 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 190+80 to Station 192+10 (CL US Route 20), 0 to 80 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 192+10 to Station 193+00 (CL US Route 20), 0 to 135 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of

Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Site 2531V-16 (Walnut Corner Park)

- Station 113+75 to Station 114+30 (CL IL Route 59), 0 to 60 feet RT (Walnut Corner Park, PESA Site 2531V-16, 768 Crab Tree Lane, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Site 2531V-15 (Sutton Lake Dental Care)

- Station 114+00 to Station 114+65 (CL IL Route 59), 0 to 75 feet LT (Sutton Lake Dental Care, PESA Site 2531V-15, 1296 Sutton Road, Streamwood). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Site 2531V-14 (Residential Buildings)

- Station 114+65 to Station 115+20 (CL IL Route 59), 0 to 75 feet LT (Residential Buildings, PESA Site 2531V-14, 1489-1559 Laurel Oaks Drive and 42-50 Southwicke Drive, Streamwood). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 115+20 to Station 117+75 (CL IL Route 59), 0 to 75 feet LT (Residential Buildings, PESA Site 2531V-14, 1489-1559 Laurel Oaks Drive and 42-50 Southwicke Drive, Streamwood). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 117+75 to Station 119+30 (CL IL Route 59), 0 to 75 feet LT (Residential Buildings, PESA Site 2531V-14, 1489-1559 Laurel Oaks Drive and 42-50 Southwicke Drive, Streamwood). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

Site 2531V-13 (Residences)

- Station 114+30 to Station 114+70 (CL IL Route 59), 0 to 60 feet RT (Residences, PESA Site 2531V-13, 1188-1194 Bloomfield Drive, 971-972 Highpoint lane, and 756-764 Crabtree Lane, Streamwood and Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 115+80 to Station 116+75 (CL IL Route 59), 0 to 60 feet RT (Residences, PESA Site 2531V-13, 1188-1194 Bloomfield Drive, 971-972 Highpoint lane, and 756-764 Crabtree Lane, Streamwood and Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.

Site 2531V-55 (Pond)

- Station 183+00 to Station 186+80 (CL US Route 20), 0 to 80 feet LT (Pond, PESA Site 2531V-55, 300 block of Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Lead, and Manganese.

Site 2531V-33 (Residences)

- Station 214+10 to Station 217+25 (CL US Route 20), 0 to 105 feet RT (Residences, PESA Site 2531V-33, 700-740 Olive Parkway, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Dibenzo(a,h)anthracene, and Manganese.

- Station 218+15 to Station 219+35 (CL US Route 20), 0 to 80 feet RT (Residences, PESA Site 2531V-33, 700-740 Olive Parkway, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 219+35 to Station 220+35 (CL US Route 20), 0 to 80 feet RT (Residences, PESA Site 2531V-33, 700-740 Olive Parkway, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Site 2531V-32 (Pond)

- Station 220+35 to Station 222+50 (CL US Route 20), 0 to 80 feet RT (Pond, PESA Site 2531V-32, 700 block of Lake Street, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 523+00 to Station 524+55 (CL US Route 20), 0 to 70 feet RT (Pond, PESA Site 2531V-32, 700 block of Lake Street, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 524+55 to Station 528+70 (CL US Route 20), 0 to 70 feet RT (Pond, PESA Site 2531V-32, 700 block of Lake Street, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 528+70 to Station 532+25 (CL US Route 20), 0 to 70 feet RT (Pond, PESA Site 2531V-32, 700 block of Lake Street, Bartlett). This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Dibenzo(a,h)anthracene.

Site 2531V-23 (Residences and Vacant Land)

- Station 222+00 to Station 222+50 (CL US Route 20), 0 to 100 feet LT (Residences and Vacant Land, PESA Site 2531V-23, 600 block of Lake Street and 317, 650, and 29W383 Old Lake Street, Bartlett, Streamwood, and unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 523+60 to Station 525+75 (CL US Route 20), 0 to 90 feet LT (Residences and Vacant Land, PESA Site 2531V-23, 600 block of Lake Street and 317, 650, and 29W383 Old Lake Street, Bartlett, Streamwood, and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.