

NILES - PWC 8159

Lead Test Results

6/11/98 11:39 AM

| | 5/21/98 | 6/5/98 | 6/8/98 | 6/10/98 | | STAT # | LT | RT | TTLC | WET | TTLC/Wet Down 3' |
|----|---------|--------|-----------|---------|---|--------|-----|----|-------|---------|---------------------|
| 1 | | 1A | | | A | 38+95 | 20 | | | | |
| 2 | | 1B | | | B | 38+24 | 19 | | | | |
| 3 | | | | | C | | | | | | |
| 4 | | | | | D | | | | | | |
| 5 | | 2A | | | A | 37+45 | 18 | | | | |
| 6 | | | CFN#1-CS1 | | | 37+05 | 6BC | | 61 | Pending | |
| 7 | CF-N#1 | | | | | 37+05 | 6BC | | 120 | 8.1 | |
| 8 | | 2B | | | B | 36+65 | 14 | | | | |
| 9 | | | | | C | | | | | | |
| 10 | | | | | D | | | | | | |
| 11 | | 3A | | | A | 36+25 | 12 | | | | |
| 12 | | 3B | | | B | 35+82 | 19 | | | | |
| 13 | | | | | C | | | | | | |
| 14 | | | | | D | | | | | | |
| 15 | | 4A | | | A | 35+16 | 16 | | | | |
| 16 | | 4B | | | B | 34+35 | 2 | | | | |
| 17 | | | | | C | | | | | | |
| 18 | | | | | D | | | | | | |
| 19 | | 5A | | | A | 33+95 | 14 | | | | |
| 20 | | | CFN#2-CS1 | | | 33+75 | 3BC | | 92 | Pending | |
| 21 | CF-N#2 | | | | | 33+75 | 3BC | | 350 | 5.8 | 8.2/NA |
| 22 | | 5B | | | B | 33+21 | 5 | | | | |
| 23 | | | | | C | | | | | | |
| 24 | | | | | D | | | | | | |
| 25 | | 6A | | | A | 32+67 | 17 | | | | |
| 26 | | | CFN#3-CS1 | | | 32+25 | 3BC | | 8.8 | | |
| 27 | | | CFN#3-CS2 | | | 32+25 | 3BC | | Hold | | |
| 28 | CF-N#3 | | | | | 32+25 | 3BC | | 86 | 85 | |
| 29 | | 6B | | | B | 31+95 | 9 | | | | |
| 30 | | | | | C | | | | | | |
| 31 | | | | | D | | | | | | |
| 32 | | 7A | | | A | 31+24 | 20 | | | | |
| 33 | | | SWF | | | 31-00 | | BC | ND(5) | | |
| 34 | | 7B | | | B | 30+48 | 23 | | | | |
| 35 | | | | | C | | | | | | |
| 36 | | | | | D | | | | | | |
| 37 | CF-N#4 | | | | | 30+00 | 1BC | | 42 | NA | |
| 38 | | 8A | | | A | 29+90 | 10 | | | | |
| 39 | | 8B | | | B | 29+25 | 4L | | | | |
| 40 | | | | | C | | | | | | |
| 41 | | | | | D | | | | | | |
| 42 | | 9A | | | A | 28+75 | 16 | | * | | |
| 43 | | 9B | | | B | 28+20 | 2 | | * | | |
| 44 | | | | | C | | | | | | |
| 45 | | | | | D | | | | | | |
| 46 | CF-N#5 | | | | | 27+75 | 1BC | | 15 | NA | |
| 47 | | 10A | | | A | 27+55 | 18 | | * | | |
| 48 | | | SWE | | | 27-03 | | BC | ND(5) | | |

NILES - PWC 8159

Lead Test Results

6/11/98 11:39 AM

| | 5/21/98 | 6/5/98 | 6/8/98 | 6/10/98 | | STAT # | LT | RT | TTLIC | WET | TTLIC/Wet Down 3' |
|-----|---------|--------|--------|---------|---|--|-----|----|-------|-----|----------------------|
| 97 | | 19B | | | | 15+85 | 10 | | | | |
| 98 | | | | | C | | | | | | |
| 99 | | | | | D | | | | | | |
| 100 | | 20A | | | | 15+15 | 15 | | | | |
| 101 | CF-N#10 | | | | | 15+00 | 4BC | | NA | NA | 11/NA |
| 102 | | 20B | | | | 14+40 | 5 | | | | |
| 103 | | | | | C | | | | | | |
| 104 | | | | | D | | | | | | |
| 105 | | | SWA | | | 13-85 | | BC | 12 | | |
| 106 | | 21A | | | | 13+65 | 14 | | | | |
| 107 | CF-N#11 | | | | | 12+88 | | | NA | NA | 9.6/NA |
| 108 | | 21B | | | | 12+85 | 25 | | | | |
| 109 | | | | | C | | | | | | |
| 110 | | | | | D | | | | | | |
| 111 | | | | | | | | | | | |
| 112 | | | | | | | | | | | |
| 113 | | | | | | | | | | | |
| 114 | | | | | | * Comp. sample - 110ppm TTLIC - ND Wet | | | | | |
| 115 | | | | | | | | | | | |
| 116 | | | | | | **Comp. Sample - 52 ppm - 3.2 WET | | | | | |
| 117 | | | | | | | | | | | |
| | | | | | | | | | | | |

**Table 1 - Oil & Grease, Organochlorine Pesticide, and Lead Analytical Results (6 inch depth)
Niles Blvd. Improvement Project
TCG Project #980202**

| Analysis | Sample # | | | | | | | | | | | | | | |
|---------------|------------|------------|-----------|------------|------------|---------|------------|-------------|------------|-------------|------------|------------|------------|------------|---------------|
| | CF-N #1 | CF-N #2 | CF-N #3 | CF-N #4 | CF-N #1-4 | CF-N #5 | CF-N #6 | CF-N #7 | CF-N #8 | CF-N #5-8 | CF-N #9 | CF-N #10 | CF-N #11 | CF-N #9-11 | CF-N #2,3,6,7 |
| O&G | 97 | <u>410</u> | 96 | <u>650</u> | <u>570</u> | ND | <u>480</u> | <u>1100</u> | <u>110</u> | <u>2300</u> | <u>110</u> | <u>220</u> | <u>280</u> | <u>560</u> | |
| O-P | NA | NA | NA | NA | ND | NA | NA | NA | NA | ND | NA | NA | NA | ND | NA |
| Total Lead | 120 | 350 | 86 | 42 | 180 | 15 | 350 | 160 | 110 | 62 | NA | NA | NA | 9.9 | NA |
| Wet Test Lead | 8.1 | 5.8 | 85 | NA | 5.9 | NA | 25 | 6.8 | 1.7 | 7.3 | NA | NA | NA | NA | NA |
| DI-Wet Lead | NA | NA | ND(1) | NA | NA | NA | ND(1) | NA | NA | NA | NA | NA | NA | NA | NA |
| TCLP Lead | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.94 |

Notes: Shaded = composite results; O&G = oil & grease (ppm), O-P = organochlorine pesticides (ppb); Total Lead = total lead by California Assessment Manual (CAM) total threshold limit concentration (TTLC) analysis (ppm); Wet Test = CAM soluble threshold limit concentration (STLC) analysis (mg/L); DI-Wet = CAM STLC using dionized water (mg/L); TCLP = toxicity characteristic leaching potential (mg/L); NA = not analyzed for; ND(1) = not detected (method detection limit); **bold** = >10 X STLC (50 ppm lead), using TTLC Analysis; underline = >100 ppm threshold (O&G); **bold italics** = > STLC, using STLC Analysis.



**Table 2 - Oil & Grease and Lead Analytical Results (Native Soil - 3 foot depth)
Niles Blvd. Improvement Project
TCG Project #980202**

| Analysis | Sample # | | | | |
|------------------------|----------|-----------|--------|--------|--------|
| | #2 | #6 | #7 | #10 | #11 |
| O&G (ppm) | ND(50) | ND(50) | ND(50) | ND(50) | ND(50) |
| Lead (ppm) | 8.2 | 98 | 9.5 | 11 | 9.6 |
| Lead - Wet Test (mg/L) | NA | 2.5 | NA | NA | NA |

Notes: O&G = oil & grease, Total Lead = total lead by California Assessment Manual (CAM) total threshold limit concentration (TTLC) analysis; Lead - Wet Test = CAM soluble threshold limit concentration (STLC) analysis; NA = not analyzed for; ND = not detected (method detection limit); **bold = >10 X STLC (50 ppm lead).**



**Table 3 - Composite Lead Analytical Results (Street Pothole Sampling)
Niles Blvd. Improvement Project
TCG Project #980202**

| Analysis | Sample # | | | | | | | | | | |
|---------------|-------------|-------------|-------------|-------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|
| | 1A,1B,2A,2B | 3A,3B,4A,4B | 5A,5B,6A,6B | 7A,7B,8A,8B | 9A,9B,10A,10B | 11A,11B,12A,12B | 13A,13B,14A,14B | 15A,15B,16A,16B | 17A,17B,18A,18B | 19A,19B,20A,20B | 21A,21B |
| Total Lead | 13 | 42 | 12 | 9.1 | 110 | 26 | 10 | 5.2 | 52 | 9.3 | ND(5) |
| Wet Test Lead | NA | NA | NA | NA | ND(1) | NA | NA | NA | 3.2 | NA | NA |

Notes: Total Lead = total lead by California Assessment Manual (CAM) total threshold limit concentration (TTLC) analysis (ppm); Wet Test = CAM soluble threshold limit concentration (STLC) analysis (mg/L); NA = not analyzed for; ND = not detected (method detection limit); **bold = >10 X STLC (50 ppm lead), using TTLC Analysis.**



**Table 4 - Lead Analytical Results (Business Side of Street - Sidewalk Sampling)
Niles Blvd. Improvement Project
TCG Project #980202**

| Analysis | Sample # | | | | | | | | |
|---------------|----------|-----|------------|-----------|-----------|-----------|-----------|-------|-------|
| | SWA | SWB | SWC | SWC #2 | SWC-37421 | SWC-37433 | SWD | SWE | SWF |
| Total Lead | 12 | 45 | 930 | 87 | 32 | 22 | 90 | ND(5) | ND(5) |
| | | | | | | | | | |
| Wet Test Lead | NA | NA | pending | ? | NA | NA | pending | NA | NA |

Notes: Total Lead = total lead by California Assessment Manual (CAM) total threshold limit concentration (TTLC) analysis (ppm); Wet Test = CAM soluble threshold limit concentration (STLC) analysis (mg/L); NA = not analyzed for; ND = not detected (method detection limit); **bold = >10 X STLC (50 ppm lead), using TTLC Analysis.**

Handwritten notes and signatures:

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**Table 5 - Lead Analytical Results (Original City Sample Locations - Confirmation Sampling)
Niles Blvd. Improvement Project
TCG Project #980202**

| Analysis | Sample # | | | | | |
|---------------|-----------|-----------|-----------|-----------|------------|-----------|
| | CFN#1-CS1 | CFN#2-CS1 | CFN#3-CS1 | CFN#3-CS2 | CFN#6-CS1 | CFN#7-CS1 |
| Total Lead | 61 | 92 | 8.8 | Hold | 100 | 7.0 |
| | | | | | | |
| Wet Test Lead | pending | pending | NA | NA | pending | NA |

Notes: Total Lead = total lead by California Assessment Manual (CAM) total threshold limit concentration (TTLC) analysis (ppm); Wet Test = CAM soluble threshold limit concentration (STLC) analysis (mg/L); DI-Wet = CAM STLC using dionized water (mg/L); TCLP = toxicity characteristic leaching potential (mg/L); NA = not analyzed for; ND = not detected (method detection limit); **bold = >10 X STLC (50 ppm lead), using TTLC Analysis.**

