

**R E P O R T**

**WEST MOBERLY FIRST NATIONS  
BAND**

**Assessment Studies Water and  
Wastewater Systems and  
Associated Water Management  
Practices at Selected  
First Nation Communities**

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s.19(1)

|    | wmoberly         | location        | date     | gen.bact | t.colif | fecal.c |
|----|------------------|-----------------|----------|----------|---------|---------|
| 1  | Treatment Plant  | BeforeSandFilt  | 02/08/00 | 150      | 8       | 0       |
| 2  | Treatment Plant  | AfterSandfilter | 02/08/00 | 158      | 8       | 0       |
| 3  | Band Hall        | BT, CS          | 02/08/00 | 0        | 0       | 0       |
| 4  |                  | Cryingman Sub   | 02/08/00 | 0        | 0       | 0       |
| 5  | Treatment Plant  | BeforeSandFilt  | 02/28/00 | 52       | 0       | 0       |
| 6  | Treatment Plant  | After SandFilt  | 02/28/00 | 14       | 0       | 0       |
| 7  | Band Office      | Downstairs Tap  | 02/28/00 | 0        | 0       | 0       |
| 8  |                  | Cryingman Sub   | 02/28/00 | 0        | 0       | 0       |
| 9  | Treatment Plant  | BeforeSandFilt  | 03/18/00 | 2        | 0       | 0       |
| 10 | Treatment Plant  | After SandFilt  | 03/18/00 | 0        | 0       | 0       |
| 11 | Band Hall CS     |                 | 03/18/00 | 0        | 0       | 0       |
| 12 |                  | CryingmanSub CS | 03/18/00 | 0        | 0       | 0       |
| 13 | Treatment Plant  | BeforeSandFilt  | 04/18/00 | 242      | 4       | 0       |
| 14 | Treatment Plant  | AfterSandFilt   | 04/18/00 | 8        | 0       | 0       |
| 15 | Band Hall        | Downstairs Tap  | 04/18/00 | 0        | 0       | 0       |
| 16 | Edward Cryingman | House #1 PW     | 04/18/00 | 3000     | 34      | 0       |
| 17 | Cryingman Sub.   | House #2        | 04/18/00 | 0        | 0       | 0       |
| 18 | Treatment Plant  | Raw Water       | 06/07/00 | 670      | 0       | 0       |
| 19 | Treatment Plant  | before chlorin  | 06/07/00 | 294      | 6       | 0       |
| 20 | Band Office CS   | Downstairs Tap  | 06/07/00 | 0        | 0       | 0       |
| 21 |                  | Brown Sub.Div   | 06/07/00 | 0        | 0       | 0       |
| 22 | Water Station    | Raw Water       | 07/27/00 | 562      | 0       | 0       |
| 23 | Water Station    | Filtered        | 07/27/00 | 2        | 0       | 0       |
| 24 | Band Office      | Downstairs Tap  | 07/27/00 | 0        | 0       | 0       |
| 25 |                  | Cryingman Sub   | 07/27/00 | 12       | 2       | 0       |
| 26 | Water Station    | Raw Water       | 08/15/00 | 2036     | 12      | 0       |
| 27 | Water Station    | Filtered Water  | 08/15/00 | 2        | 0       | 0       |
| 28 | Band Hall        | Downstairs Tap  | 08/15/00 | 0        | 0       | 0       |

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|    | wmoberly       | location       | date     | gen.bact | t.colif | fecal.c |
|----|----------------|----------------|----------|----------|---------|---------|
| 29 |                |                | 08/15/00 | 6        | 0       | 0       |
| 30 | Water Station  | Raw Water      | 09/14/00 | 522      | 8       | 0       |
| 31 | Water Station  | Filtered Water | 09/14/00 | 0        | 0       | 0       |
| 32 | Band Hall      | Downstairs Tap | 09/14/00 | 0        | 0       | 0       |
| 33 |                | Cryingman Sub  | 09/14/00 | 0        | 0       | 0       |
| 34 | Raw water      | filter station | 10/19/00 | .        | 3000    | 60      |
| 35 | Filtered water | filter station | 10/19/00 | 52       | 0       | 0       |
| 36 | Band Hall      |                | 10/19/00 | 0        | 0       | 0       |
| 37 |                | Cryingman Sub  | 10/18/00 | 0        | 0       | 0       |
| 38 | Long Lake      |                | 10/19/00 | 40737    | 50      | 2       |
| 39 | Water Station  | Raw Water      | 11/21/00 | 750      | 2       | 0       |
| 40 | Water Station  | Filtered Water | 11/21/00 | 648      | 2       | 0       |
| 41 | Band Hall      | Downstairs Tap | 11/21/00 | 0        | 0       | 0       |
| 42 |                | Cryingman Sub  | 11/21/00 | 0        | 0       | 0       |
| 43 | Water Station  | Raw Water      | 12/14/00 | 508      | 2       | 0       |
| 44 | Water Station  | Filtered Water | 12/14/00 | 0        | 0       | 0       |
| 45 | Band Hall      | Downstairs Tap | 12/14/00 | 0        | 0       | 0       |
| 46 |                | Cryingman Sub  | 12/14/00 | 0        | 0       | 0       |

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|         | wmoberly | location      | date           | gen.bact | t.colif | focal.c |   |
|---------|----------|---------------|----------------|----------|---------|---------|---|
|         | 1        | Water Station | Raw Water      | 01/16/01 | 98      | 6       | 0 |
|         | 2        | Water Station | Filtered Water | 01/16/01 | 0       | 0       | 0 |
|         | 3        | Band Hall     | Downstairs Tap | 01/16/01 | 0       | 0       | 0 |
|         | 4        |               | Cryingman Sub  | 01/16/01 | 58      | 14      | 0 |
|         | 5        | Water Station | Raw Water      | 02/06/01 | 36      | 2       | 0 |
|         | 6        | Water Station | Filtered Water | 02/06/01 | 0       | 0       | 0 |
| s.19(1) | 7        | Water Station | Raw Water      | 02/13/01 | 128     | 0       | 0 |
|         | 8        | Water Station | Filtered Water | 02/13/01 | 0       | 0       | 0 |
|         | 9        | Band Hall     | Downstairs Tap | 02/13/01 | 0       | 0       | 0 |
|         | 10       |               | Cryingman Sub  | 02/13/01 | 0       | 0       | 0 |
|         | 11       | Band Hall     | Downstairs tap | 02/06/01 | 0       | 0       | 0 |
|         | 12       |               | Cryingman Sub. | 02/06/01 | 0       | 0       | 0 |
|         | 13       | Water Station | Raw Water      | 03/13/01 | 106     | 0       | 0 |
|         | 14       | Band Hall     | Downstairs Tap | 03/13/01 | 0       | 0       | 0 |
|         | 15       |               | KY, CS         | 03/13/01 | 0       | 0       | 0 |
|         | 16       | Water Station | Filtered Water | 03/13/01 | 0       | 0       | 0 |
|         | 17       | Water Station | Raw Water      | 04/18/01 | 248     | 2       | 0 |
|         | 18       | Water Station | Filtered Water | 04/18/01 | 12      | 0       | 0 |
|         | 19       | Band Hall     | Downstairs Tap | 04/18/01 | 0       | 0       | 0 |
|         | 20       |               | Cryingman Sub. | 04/18/01 | 20      | 0       | 0 |
|         | 21       | Water Station | Raw Water      | 05/15/01 | 3886    | 0       | 0 |
|         | 22       | Water Station | Filtered       | 05/15/01 | 2       | 0       | 0 |
|         | 23       | Band Hall, CS | Downstairs Tap | 05/15/01 | 0       | 0       | 0 |
|         | 24       |               | Cryingman Sub. | 05/15/01 | 0       | 0       | 0 |
|         | 25       | Water Station | Raw Water      | 06/18/01 | 892     | 0       | 0 |
|         | 26       | Water Station | Filtered       | 06/18/01 | 2       | 0       | 0 |
|         | 27       | Band Hall     | Downstairs Tap | 06/18/01 | 0       | 0       | 0 |
|         | 28       |               | KT, CS         | 06/18/01 | 0       | 0       | 0 |

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|    | wmoberly      | location       | date     | gen.bact | t.colif | fecal.c |
|----|---------------|----------------|----------|----------|---------|---------|
| 29 | Water Site    | Raw Water      | 07/17/01 | 3430     | 0       | 0       |
| 30 | Water Site    | Filtered Water | 07/17/01 | 2        | 0       | 0       |
| 31 | Cryingman Sub | CS             | 07/17/01 | 938      | 0       | 0       |
| 32 | Band Hall     | Downstairs Tap | 07/17/01 | 212      | 0       | 0       |
| 33 | Water Station | Raw Water      | 08/20/01 | 700      | 0       | 0       |
| 34 | Water Station | Filtered       | 08/20/01 | 6        | 0       | 0       |
| 35 |               | Cryingman Sub  | 08/20/01 | 0        | 78      | 4       |
| 36 | Band Hall     | Downstairs Tap | 08/20/01 | 0        | 0       | 0       |
| 37 |               | KT, CS         | 08/29/01 | 4        | 0       | 0       |
| 38 |               | KT, CS         | 08/29/01 | 0        | 0       | 0       |
| 39 | Band Hall CS  | Downstairs Tap | 08/29/01 | 8        | 0       | 0       |
| 40 | Water Station | Tap, CS        | 08/29/01 | 10       | 0       | 0       |
| 41 | Water Station | Raw Water      | 08/29/01 | 3000     | 0       | 0       |
| 42 |               | KT, CS         | 08/29/01 | 8        | 0       | 0       |

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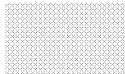
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RESULTS OF ANALYSIS - Water

s.19(1)

File No. H9849

|                           | Bandhall          |  | Filtered Water    | Raw Water         |
|---------------------------|-------------------|--|-------------------|-------------------|
|                           | 97 12 03<br>11:00 | 97 12 03<br>11:00  | 97 12 03<br>11:00 | 97 12 03<br>11:00 |
| <b>Physical Tests</b>     |                   |  |                   |                   |
| Colour (CU)               | 18                | 12   | 19                | 20                |
| Total Dissolved Solids    | 97                | 111  | 105               | 123               |
| pH                        | 7.59              | 7.60   | 7.70              | 7.32              |
| Turbidity (NTU)           | 0.7               | 1.2  | 1.1               | 1.4               |
| <b>Organic Parameters</b> |                   |  |                   |                   |
| Total Organic Carbon C    | 6.5               | 6.4  | 6.4               | 7.0               |

Results are expressed as milligrams per litre except where noted.  
 < = Less than the detection limit indicated.