

Facility/Project Name <u>Mercury Marne</u>	Grid Location <u>477, 714</u> ft. <input checked="" type="checkbox"/> N. <input type="checkbox"/> S.	Well Name <u>MW-1</u>
Facility License, Permit or Monitoring Number _____	<u>2, 535, 376</u> ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>01/13/93</u> m m d d y y
Distance Well Is From Waste/Source Boundary <u>unknown</u> ft.	<u>T 10 N. R 21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Vince Meindel</u>
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	<u>Layne - Northwest</u>

<p>A. Protective pipe, top elevation <u>787.32</u> ft. MSL</p> <p>B. Well casing, top elevation <u>787.02</u> ft. MSL</p> <p>C. Land surface elevation <u>787.4</u> ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or <u>4.0</u> ft.</p> <p>12. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input checked="" type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input checked="" type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock</p> <p>13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/> _____</p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis): _____</p>	<p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: <u>Flush Mount</u> a. Inside diameter: <u>8.0</u> in. b. Length: <u>1.0</u> ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/> _____ d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/> _____</p> <p>4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Annular space seal <input checked="" type="checkbox"/> _____ Other <input type="checkbox"/> _____</p> <p>5. Annular space seal: <u>Chipped Granular Bentonite</u> <input checked="" type="checkbox"/> 33 _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 31 _____ % Bentonite . . . Bentonite-cement grout <input type="checkbox"/> 50 <u>0.33</u> Ft³ volume added for any of the above How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08</p> <p>6. Bentonite seal: Bentonite granules <input type="checkbox"/> 33 <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 <u>None</u> Other <input checked="" type="checkbox"/> _____</p> <p>7. Fine sand material: Manufacturer, product name and mesh size <u>U.S. Silica; Fine sand; 0.2-0.3</u> Volume added <u>0.33</u> ft³</p> <p>8. Filter pack material: Manufacturer, product name and mesh size <u>American Materials; 0.35-0.45</u> Volume added <u>1.16</u> ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/> _____</p> <p>10. Screen material: <u>same</u> Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/> _____</p> <p>Manufacturer <u>Monoflex</u> Slot size: <u>0.010</u> in. Slotted length: <u>5.0</u> ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> Other <input type="checkbox"/> _____</p>
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Sam Peterson Firm: CHAM HILL

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5,000 for each day of violation. In accordance

Facility/Project Name <u>Mercury Marine</u>	Well Name <u>MW-1</u>	
License, Permit or Monitoring Number -----	Wis. Unique Well Number	DNR Well Number

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 4 1
 - surged with bailer and pumped 6 1
 - surged with block and bailed 4 2
 - surged with block and pumped 6 2
 - surged with block, bailed and pumped 7 0
 - compressed air 2 0
 - bailed only 1 0
 - pumped only 5 1
 - pumped slowly 5 0
 - Other _____

3. Time spent developing well 30 min.

4. Depth of well (from top of well casing) 14.5 ft.

5. Inside diameter of well 2.05 in.

6. Volume of water in filter pack and well casing 2.1 gal.

7. Volume of water removed from well 30.0 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	<u>10.05</u> ft.	<u>10.10</u> ft.
Date	<u>01/26/93</u> m m d d y y	<u>01/26/93</u> m m d d y y
Time	<u>7:30</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>4:37</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<u>1.5</u> inches	<u>0.5</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10	Clear <input type="checkbox"/> 20
	Turbid <input checked="" type="checkbox"/> 15 (Describe)	Turbid <input checked="" type="checkbox"/> 25 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	----- mg/l	----- mg/l
15. COD	----- mg/l	----- mg/l

Additional comments on development:

Well developed by: Person's Name and Firm	I hereby certify that the above information is true and correct to the best of my knowledge.
Name: <u>Mike Santas</u>	Signature: <u>Sam Peters</u>
Firm: <u>Layne - Northwest</u>	Firm: <u>C Ham Hill</u>

NOTE: Shaded areas are for DNR use only. See instructions for more information.

Facility/Project Name <u>Mercury Marine</u>	Grid Location <u>477, 317</u> ft. <input checked="" type="checkbox"/> N. <input type="checkbox"/> S.	Well Name <u>MW-2</u>
Facility License, Permit or Monitoring Number	<u>2,535,677</u> ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well <input checked="" type="checkbox"/> Observation Well <input type="checkbox"/> 11 <input type="checkbox"/> Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>01/21/93</u> m m d d y y
Distance Well Is From Waste/Source Boundary <u>unknown</u> ft.	T <u>10</u> N, R <u>21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Vince Meindel</u> <u>Layne-Northwest</u>
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	

A. Protective pipe, top elevation <u>786.52</u> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <u>786.27</u> ft. MSL	2. Protective cover pipe: <u>Flush mount</u> a. Inside diameter: <u>8.0</u> in. b. Length: <u>1.0</u> ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation <u>786.4</u> ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or <u>4.0</u> ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input checked="" type="checkbox"/> Bedrock	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular space seal <input type="checkbox"/> Other <input type="checkbox"/>
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: Granular Bentonite <input type="checkbox"/> 33 <u>9.4</u> Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 <u>5.71</u> Ft ³ volume added for any of the above How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input checked="" type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
14. Drilling method used: Rotary <input checked="" type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	6. Bentonite seal: Bentonite granules <input type="checkbox"/> 33 <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 <u>Bentonite Chips (< 3/8")</u> Other <input checked="" type="checkbox"/>
15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name and mesh size <u>U.S. Silica; 0.2-0.3</u> Volume added <u>0.33</u> ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name and mesh size <u>American Materials; 0.35-0.45</u> Volume added <u>2.81</u> ft ³
17. Source of water (attach analysis): <u>Water tap inside building (west side)</u>	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or <u>38.5</u> ft.	10. Screen material: <u>Same</u> Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or <u>41.0</u> ft.	Manufacturer <u>Monoflex</u> Slot size: <u>0.010</u> in. Slotted length: <u>15.0</u> ft.
G. Filter pack, top _____ ft. MSL or <u>43.0</u> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> Other <input type="checkbox"/>
H. Well screen, top _____ ft. MSL or <u>45.0</u> ft.	
I. Well screen, bottom _____ ft. MSL or <u>60.0</u> ft.	
J. Filter pack, bottom _____ ft. MSL or <u>60.0</u> ft.	
K. Borehole, bottom _____ ft. MSL or <u>60.0</u> ft.	
L. Borehole, diameter <u>6.0</u> in.	
M. O.D. well casing <u>2.38</u> in.	
N. I.D. well casing <u>2.05</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Tam Peterson Firm: CHAM HILL

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5,000 for each day of violation. In accordance

Facility/Project Name <u>Mercury Marine</u>	Well Name <u>MW-2</u>
License, Permit or Monitoring Number -----	Wis. Unique Well Number: _____ DNR Well Number: _____

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 4 1
 - surged with bailer and pumped 6 1
 - surged with block and bailed 4 2
 - surged with block and pumped 6 2
 - surged with block, bailed and pumped 7 0
 - compressed air 2 0
 - bailed only 1 0
 - pumped only 5 1
 - pumped slowly 5 0
 - Other

	Before Development	After Development
11. Depth to Water (from top of well casing)	<u>19.87</u> ft.	<u>20.60</u> ft.
Date	<u>01/26/93</u> m m d d y y	<u>01/26/93</u> m m d d y y
Time	<u>7:44</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>12:15</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<u>1.0</u> inches	<u>0.2</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Lt. brown</u>	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Lt. brown</u>

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	----- mg/l	----- mg/l
15. COD	----- mg/l	----- mg/l

3. Time spent developing well 45 min.
4. Depth of well (from top of well casing) 59.8 ft.
5. Inside diameter of well 2.05 in.
6. Volume of water in filter pack and well casing 12.7 gal.
7. Volume of water removed from well 115.0 gal.
8. Volume of water added (if any) 0 gal.
9. Source of water added _____
10. Analysis performed on water added? Yes No
(If yes, attach results)

Additional comments on development:

Borehole gained water during drilling of the last 10-15 feet. Driller blew out 70 gal. water following completion of drilling and prior to development.

Well developed by: Person's Name and Firm	I hereby certify that the above information is true and correct to the best of my knowledge.
Name: <u>Gene</u>	Signature: <u>Sam Peterson</u>
Firm: <u>Layne - Northwest</u>	Firm: <u>CHam Hill</u>

NOTE: Shaded areas are for DNR use only. See instructions for more information.

Facility/Project Name <u>Mercury Marine</u>	Grid Location <u>477,005</u> ft. <input checked="" type="checkbox"/> N. <input type="checkbox"/> S.	Well Name <u>MW-3</u>
Facility License, Permit or Monitoring Number -----	<u>2,535,484</u> ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number ----- DNR Well Number -----
Type of Well <u>Water Table Observation Well</u> <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>01/15/93</u> m m d d y y
Distance Well Is From Waste/Source Boundary <u>unknown</u> ft.	T <u>10</u> N, R <u>21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Vince Meindl</u> <u>Layne-Northwest</u>
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	

A. Protective pipe, top elevation <u>799.58</u> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <u>799.18</u> ft. MSL	2. Protective cover pipe: <u>Flush Mount</u>
C. Land surface elevation <u>799.5</u> ft. MSL	a. Inside diameter: <u>8.0</u> in.
D. Surface seal, bottom ----- ft. MSL or <u>4.0</u> ft.	b. Length: <u>1.0</u> ft.
12. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input checked="" type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input checked="" type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock	c. Material: <u>Steel</u> <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: -----
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Annular space seal <input checked="" type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: <u>Chipped Granular Bentonite</u> <input checked="" type="checkbox"/> 33 Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 <u>3.64</u> Ft ³ volume added for any of the above
Describe -----	How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
17. Source of water (attach analysis): -----	6. Bentonite seal: Bentonite granules <input type="checkbox"/> 33 <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 <u>None</u> Other <input checked="" type="checkbox"/>
E. Bentonite seal, top ----- ft. MSL or <u>NA</u> ft.	7. Fine sand material: Manufacturer, product name and mesh size <u>U.S. Silica; 0.2-0.3</u> Volume added <u>0.33</u> ft ³
F. Fine sand, top ----- ft. MSL or <u>26.0</u> ft.	8. Filter pack material: Manufacturer, product name and mesh size <u>American Materials; 0.35-0.45</u> Volume added <u>1.16</u> ft ³
G. Filter pack, top ----- ft. MSL or <u>28.0</u> ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
H. Well screen, top ----- ft. MSL or <u>30.0</u> ft.	10. Screen material: <u>same</u> Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
I. Well screen, bottom ----- ft. MSL or <u>35.0</u> ft.	Manufacturer <u>Monoflex</u> Slot size: <u>0.010</u> in. Slotted length: <u>5.0</u> ft.
J. Filter pack, bottom ----- ft. MSL or <u>35.0</u> ft.	11. Backfill material (below filter pack): None <input type="checkbox"/> <u>Bentonite chips</u> Other <input checked="" type="checkbox"/>
K. Borehole, bottom ----- ft. MSL or <u>44.0</u> ft.	
L. Borehole, diameter <u>6.0</u> in.	
M. O.D. well casing <u>2.38</u> in.	
N. I.D. well casing <u>2.05</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Paul Peterson Firm CHam Hill

Facility/Project Name <u>Mercury Marine</u>	Well Name <u>MW-3</u>
License, Permit or Monitoring Number _____	Wis. Unique Well Number _____ DNR Well Number _____

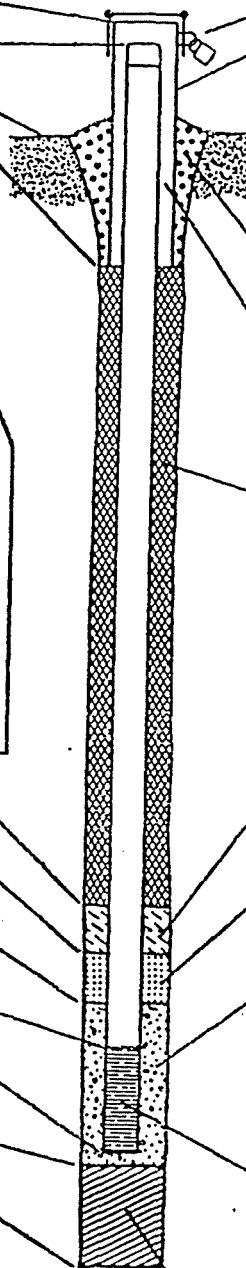
<p>1. Can this well be purged dry? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Well development method</p> <table style="width:100%; border: none;"> <tr><td style="padding: 2px;">surged with bailer and bailed</td><td style="text-align: right; padding: 2px;"><input checked="" type="checkbox"/> 4 1</td></tr> <tr><td style="padding: 2px;">surged with bailer and pumped</td><td style="text-align: right; padding: 2px;"><input type="checkbox"/> 6 1</td></tr> <tr><td style="padding: 2px;">surged with block and bailed</td><td style="text-align: right; padding: 2px;"><input type="checkbox"/> 4 2</td></tr> <tr><td style="padding: 2px;">surged with block and pumped</td><td style="text-align: right; padding: 2px;"><input type="checkbox"/> 6 2</td></tr> <tr><td style="padding: 2px;">surged with block, bailed and pumped</td><td style="text-align: right; padding: 2px;"><input type="checkbox"/> 7 0</td></tr> <tr><td style="padding: 2px;">compressed air</td><td style="text-align: right; padding: 2px;"><input type="checkbox"/> 2 0</td></tr> <tr><td style="padding: 2px;">bailed only</td><td style="text-align: right; padding: 2px;"><input type="checkbox"/> 1 0</td></tr> <tr><td style="padding: 2px;">pumped only</td><td style="text-align: right; padding: 2px;"><input type="checkbox"/> 5 1</td></tr> <tr><td style="padding: 2px;">pumped slowly</td><td style="text-align: right; padding: 2px;"><input type="checkbox"/> 5 0</td></tr> <tr><td style="padding: 2px;">Other _____</td><td style="text-align: right; padding: 2px;"><input type="checkbox"/> </td></tr> </table> <p>3. Time spent developing well <u>55</u> min.</p> <p>4. Depth of well (from top of well casing) <u>34.6</u> ft.</p> <p>5. Inside diameter of well <u>2.05</u> in.</p> <p>6. Volume of water in filter pack and well casing <u>1.3</u> gal.</p> <p>7. Volume of water removed from well <u>2.0</u> gal.</p> <p>8. Volume of water added (if any) <u>0.5</u> gal.</p> <p>9. Source of water added <u>store bought distilled water</u></p> <p>10. Analysis performed on water added? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If yes, attach results)</p>	surged with bailer and bailed	<input checked="" type="checkbox"/> 4 1	surged with bailer and pumped	<input type="checkbox"/> 6 1	surged with block and bailed	<input type="checkbox"/> 4 2	surged with block and pumped	<input type="checkbox"/> 6 2	surged with block, bailed and pumped	<input type="checkbox"/> 7 0	compressed air	<input type="checkbox"/> 2 0	bailed only	<input type="checkbox"/> 1 0	pumped only	<input type="checkbox"/> 5 1	pumped slowly	<input type="checkbox"/> 5 0	Other _____	<input type="checkbox"/> 	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;"></th> <th style="width:35%;">Before Development</th> <th style="width:35%;">After Development</th> </tr> </thead> <tbody> <tr> <td>11. Depth to Water (from top of well casing)</td> <td style="text-align: center;"><u>31.80</u> ft.</td> <td style="text-align: center;"><u>Purged dry</u> ft.</td> </tr> <tr> <td>Date</td> <td style="text-align: center;"><u>01/27/93</u> <small>m m d d y y</small></td> <td style="text-align: center;"><u>01/27/93</u> <small>m m d d y y</small></td> </tr> <tr> <td>Time</td> <td style="text-align: center;"><u>9:26</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.</td> <td style="text-align: center;"><u>10:38</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.</td> </tr> <tr> <td>12. Sediment in well bottom</td> <td style="text-align: center;"><u>1.2</u> inches</td> <td style="text-align: center;"><u>1.0</u> inches</td> </tr> <tr> <td>13. Water clarity</td> <td>Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) _____</td> <td>Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) _____</td> </tr> <tr> <td colspan="3" style="padding: 5px;">Fill in if drilling fluids were used and well is at solid waste facility:</td> </tr> <tr> <td>14. Total suspended solids</td> <td style="text-align: center;">_____ mg/l</td> <td style="text-align: center;">_____ mg/l</td> </tr> <tr> <td>15. COD</td> <td style="text-align: center;">_____ mg/l</td> <td style="text-align: center;">_____ mg/l</td> </tr> </tbody> </table>		Before Development	After Development	11. Depth to Water (from top of well casing)	<u>31.80</u> ft.	<u>Purged dry</u> ft.	Date	<u>01/27/93</u> <small>m m d d y y</small>	<u>01/27/93</u> <small>m m d d y y</small>	Time	<u>9:26</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10:38</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	12. Sediment in well bottom	<u>1.2</u> inches	<u>1.0</u> inches	13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) _____	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) _____	Fill in if drilling fluids were used and well is at solid waste facility:			14. Total suspended solids	_____ mg/l	_____ mg/l	15. COD	_____ mg/l	_____ mg/l
surged with bailer and bailed	<input checked="" type="checkbox"/> 4 1																																															
surged with bailer and pumped	<input type="checkbox"/> 6 1																																															
surged with block and bailed	<input type="checkbox"/> 4 2																																															
surged with block and pumped	<input type="checkbox"/> 6 2																																															
surged with block, bailed and pumped	<input type="checkbox"/> 7 0																																															
compressed air	<input type="checkbox"/> 2 0																																															
bailed only	<input type="checkbox"/> 1 0																																															
pumped only	<input type="checkbox"/> 5 1																																															
pumped slowly	<input type="checkbox"/> 5 0																																															
Other _____	<input type="checkbox"/> 																																															
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15. COD	_____ mg/l	_____ mg/l																																														

Additional comments on development:

Well developed by: Person's Name and Firm	I hereby certify that the above information is true and correct to the best of my knowledge.
Name: <u>Mike Santas</u>	Signature: <u>[Signature]</u>
Firm: <u>Layne - Northwest</u>	Firm: <u>CH2M HILL</u>

NOTE: Shaded areas are for DNR use only. See instructions for more information.

Facility/Project Name <u>Mercury Marine</u>	Grid Location <u>477,433</u> ft. <input checked="" type="checkbox"/> N. <input type="checkbox"/> S.	Well Name <u>MW-4</u>
Facility License, Permit or Monitoring Number _____	<u>2,535,317</u> ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>01/26/93</u> m m d d y y
Distance Well Is From Waste/Source Boundary <u>Unknown</u> ft.	T <u>10</u> N, R <u>21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Since Meindel</u>
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	<u>Layne-Northwest</u>

<p>A. Protective pipe, top elevation <u>786.06</u> ft. MSL</p> <p>B. Well casing, top elevation <u>785.84</u> ft. MSL</p> <p>C. Land surface elevation <u>785.9</u> ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or <u>2.0</u> ft.</p> <p>12. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input checked="" type="checkbox"/> GW <input type="checkbox"/> SW <input checked="" type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input checked="" type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock</p> <p>13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/> _____</p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe _____</p> <p>17. Source of water (attach analysis): _____</p>	 <p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: <u>Flush mount</u></p> <p>a. Inside diameter: <u>8.0</u> in.</p> <p>b. Length: <u>1.0</u> ft.</p> <p>c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/> _____</p> <p>d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/> _____</p> <p>4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Annular space seal <input checked="" type="checkbox"/> _____ Other <input type="checkbox"/> _____</p> <p>5. Annular space seal: <u>Chipped Granular Bentonite</u> <input checked="" type="checkbox"/> 33 _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 <u>0.17</u> Ft³ volume added for any of the above</p> <p>How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08</p> <p>6. Bentonite seal: Bentonite granules <input type="checkbox"/> 33 <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 <u>None</u> Other <input checked="" type="checkbox"/> _____</p> <p>7. Fine sand material: Manufacturer, product name and mesh size <u>U.S. Silica; 0.2-0.3</u> Volume added <u>0.17</u> ft³</p> <p>8. Filter pack material: Manufacturer, product name and mesh size <u>American Materials; 0.35-0.45</u> Volume added <u>1.82</u> ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/> _____</p> <p>10. Screen material: <u>Same</u> Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/> _____</p> <p>Manufacturer <u>Mono flex</u> Slot size: <u>0.010</u> in. Slotted length: <u>10.0</u> ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> Other <input type="checkbox"/> _____</p>
<p>E. Bentonite seal, top _____ ft. MSL or <u>NA</u> ft.</p> <p>F. Fine sand, top _____ ft. MSL or <u>3.0</u> ft.</p> <p>G. Filter pack, top _____ ft. MSL or <u>4.0</u> ft.</p> <p>H. Well screen, top _____ ft. MSL or <u>5.0</u> ft.</p> <p>I. Well screen, bottom _____ ft. MSL or <u>15.0</u> ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or <u>15.0</u> ft.</p> <p>K. Borehole, bottom _____ ft. MSL or <u>15.0</u> ft.</p> <p>L. Borehole, diameter <u>6.0</u> in.</p> <p>M. O.D. well casing <u>2.38</u> in.</p> <p>N. I.D. well casing <u>2.05</u> in.</p>	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: John Peterson Firm: CH2M Hill

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with s. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5,000 for each day of violation. In accordance

Facility/Project Name <u>Mercury Marine</u>		Well Name <u>MW-4</u>																												
License, Permit or Monitoring Number -----		Wis. Unique Well Number	DNR Well Number																											
<p>1. Can this well be purged dry? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Well development method</p> <p style="padding-left: 20px;">surged with bailer and bailed <input checked="" type="checkbox"/> 4 1</p> <p style="padding-left: 20px;">surged with bailer and pumped <input type="checkbox"/> 6 1</p> <p style="padding-left: 20px;">surged with block and bailed <input type="checkbox"/> 4 2</p> <p style="padding-left: 20px;">surged with block and pumped <input type="checkbox"/> 6 2</p> <p style="padding-left: 20px;">surged with block, bailed and pumped <input type="checkbox"/> 7 0</p> <p style="padding-left: 20px;">compressed air <input type="checkbox"/> 2 0</p> <p style="padding-left: 20px;">bailed only <input type="checkbox"/> 1 0</p> <p style="padding-left: 20px;">pumped only <input type="checkbox"/> 5 1</p> <p style="padding-left: 20px;">pumped slowly <input type="checkbox"/> 5 0</p> <p style="padding-left: 20px;">Other <input type="checkbox"/> </p> <p>3. Time spent developing well <u>80</u> min.</p> <p>4. Depth of well (from top of well casing) <u>14.6</u> ft.</p> <p>5. Inside diameter of well <u>2.05</u> in.</p> <p>6. Volume of water in filter pack and well casing <u>3.3</u> gal.</p> <p>7. Volume of water removed from well <u>20.0</u> gal.</p> <p>8. Volume of water added (if any) <u>0.</u> gal.</p> <p>9. Source of water added _____</p> <p>10. Analysis performed on water added? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, attach results)</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;"></th> <th style="width:20%;">Before Development</th> <th style="width:20%;">After Development</th> </tr> </thead> <tbody> <tr> <td>11. Depth to Water (from top of well casing)</td> <td style="text-align: center;"><u>7.73</u> ft.</td> <td style="text-align: center;"><u>10.36</u> ft.</td> </tr> <tr> <td>Date</td> <td style="text-align: center;"><u>01/27/93</u> m m d d y y</td> <td style="text-align: center;"><u>01/27/93</u> m m d d y y</td> </tr> <tr> <td>Time</td> <td style="text-align: center;"><u>7:50</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.</td> <td style="text-align: center;"><u>9:29</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.</td> </tr> <tr> <td>12. Sediment in well bottom</td> <td style="text-align: center;"><u>2.0</u> inches</td> <td style="text-align: center;"><u>1.0</u> inches</td> </tr> <tr> <td>13. Water clarity</td> <td>Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)</td> <td>Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe)</td> </tr> <tr> <td colspan="3">Fill in if drilling fluids were used and well is at solid waste facility:</td> </tr> <tr> <td>14. Total suspended solids</td> <td style="text-align: center;">----- mg/l</td> <td style="text-align: center;">----- mg/l</td> </tr> <tr> <td>15. COD</td> <td style="text-align: center;">----- mg/l</td> <td style="text-align: center;">----- mg/l</td> </tr> </tbody> </table>				Before Development	After Development	11. Depth to Water (from top of well casing)	<u>7.73</u> ft.	<u>10.36</u> ft.	Date	<u>01/27/93</u> m m d d y y	<u>01/27/93</u> m m d d y y	Time	<u>7:50</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>9:29</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	12. Sediment in well bottom	<u>2.0</u> inches	<u>1.0</u> inches	13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe)	Fill in if drilling fluids were used and well is at solid waste facility:			14. Total suspended solids	----- mg/l	----- mg/l	15. COD	----- mg/l	----- mg/l
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15. COD	----- mg/l	----- mg/l																												
Additional comments on development:																														

Well developed by: Person's Name and Firm

Name: Mike Santas

Firm: Layne-Northwest

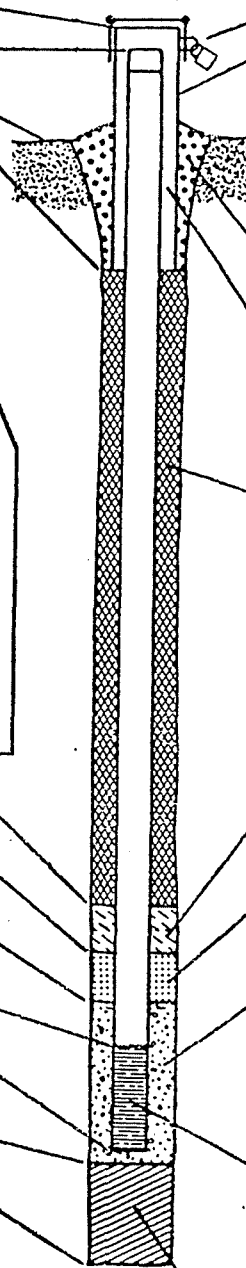
I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Sam Peterson

Firm: CHam Hill

NOTE: Shaded areas are for DNR use only. See instructions for more information.

Facility/Project Name <u>Mercury Marine</u>	Grid Location <u>477,680</u> ft. <input checked="" type="checkbox"/> N. <input type="checkbox"/> S.	Well Name <u>MW-5</u>
Facility License, Permit or Monitoring Number	<u>2,535,210</u> ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>01/27/93</u> m m d d y y
Distance Well Is From Waste/Source Boundary <u>unknown</u> ft.	T <u>10</u> N, R <u>21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Vince Meindel</u> <u>Layne - Northwest</u>
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	

<p>A. Protective pipe, top elevation <u>793.43</u> ft. MSL</p> <p>B. Well casing, top elevation <u>793.20</u> ft. MSL</p> <p>C. Land surface elevation <u>793.2</u> ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or <u>4.0</u> ft.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>12. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input checked="" type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock</p> <p>13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe _____</p> <p>17. Source of water (attach analysis): _____</p> </div> <p>E. Bentonite seal, top _____ ft. MSL or <u>NA</u> ft.</p> <p>F. Fine sand, top _____ ft. MSL or <u>11.5</u> ft.</p> <p>G. Filter pack, top _____ ft. MSL or <u>12.5</u> ft.</p> <p>H. Well screen, top _____ ft. MSL or <u>14.5</u> ft.</p> <p>I. Well screen, bottom _____ ft. MSL or <u>19.5</u> ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or <u>19.5</u> ft.</p> <p>K. Borehole, bottom _____ ft. MSL or <u>19.5</u> ft.</p> <p>L. Borehole, diameter <u>6.0</u> in.</p> <p>M. O.D. well casing <u>2.38</u> in.</p> <p>N. I.D. well casing <u>2.05</u> in.</p>	 <p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: <u>Flush mount</u></p> <p>a. Inside diameter: <u>8.0</u> in.</p> <p>b. Length: <u>1.0</u> ft.</p> <p>c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/></p> <p>d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Annular space seal <input checked="" type="checkbox"/></p> <p>5. Annular space seal: <u>Chipped Granular Bentonite</u> <input checked="" type="checkbox"/> 33 ____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 ____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 ____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 <u>1.24</u> Ft³ volume added for any of the above How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08</p> <p>6. Bentonite seal: Bentonite granules <input type="checkbox"/> 33 <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 <u>None</u> Other <input checked="" type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name and mesh size <u>U.S. Silica; 0.2-0.3</u> Volume added <u>0.17</u> ft³</p> <p>8. Filter pack material: Manufacturer, product name and mesh size <u>American Materials; 0.35-0.45</u> Volume added <u>1.16</u> ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: <u>Same</u> Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>Manufacturer <u>Monoflex</u> Slot size: <u>0.010</u> in. Slotted length: <u>5.0</u> ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> Other <input type="checkbox"/></p>
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sam Peterson Firm CHAM HILL

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5,000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation.

Facility/Project Name <u>Mercury Marine</u>	Well Name <u>MW-5</u>				
License, Permit or Monitoring Number _____	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; padding: 2px;">Wis. Unique Well Number</td> <td style="width:50%; padding: 2px;">DNR Well Number</td> </tr> <tr> <td style="height: 20px;"> </td> <td style="height: 20px;"> </td> </tr> </table>	Wis. Unique Well Number	DNR Well Number		
Wis. Unique Well Number	DNR Well Number				

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 4 1
 - surged with bailer and pumped 6 1
 - surged with block and bailed 4 2
 - surged with block and pumped 6 2
 - surged with block, bailed and pumped 7 0
 - compressed air 2 0
 - bailed only 1 0
 - pumped only 5 1
 - pumped slowly 5 0
 - Other _____

3. Time spent developing well 30 min.

4. Depth of well (from top of well casing) 19.2 ft.

5. Inside diameter of well 2.05 in.

6. Volume of water in filter pack and well casing 1.7 gal.

7. Volume of water removed from well 20.0 gal.

8. Volume of water added (if any) 0. gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	<u>15.67</u> ft.	<u>15.42</u> ft.
Date	<u>01/27/93</u> m m d d y y	<u>01/27/93</u> m m d d y y
Time	<u>11:05</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>11:45</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u>2.1</u> inches	<u>1.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10	Clear <input type="checkbox"/> 20
	Turbid <input checked="" type="checkbox"/> 15 (Describe)	Turbid <input checked="" type="checkbox"/> 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l

15. COD _____ mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Mike Santas

Firm: Layne - Northwest

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Layne Peterson

Firm: CH2M HILL

NOTE: Shaded areas are for DNR use only. See instructions for more information.