

MEMO



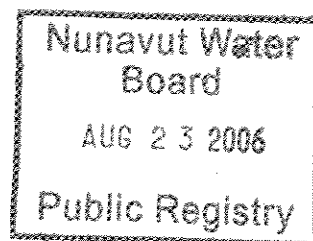
TO: Joe Murdock
cc:
FROM: Stephanie Joyce
DATE: August 18, 2006
SUBJECT: Taloyoak Landfarm Drawings
OUR FILE: 06-6502-1010

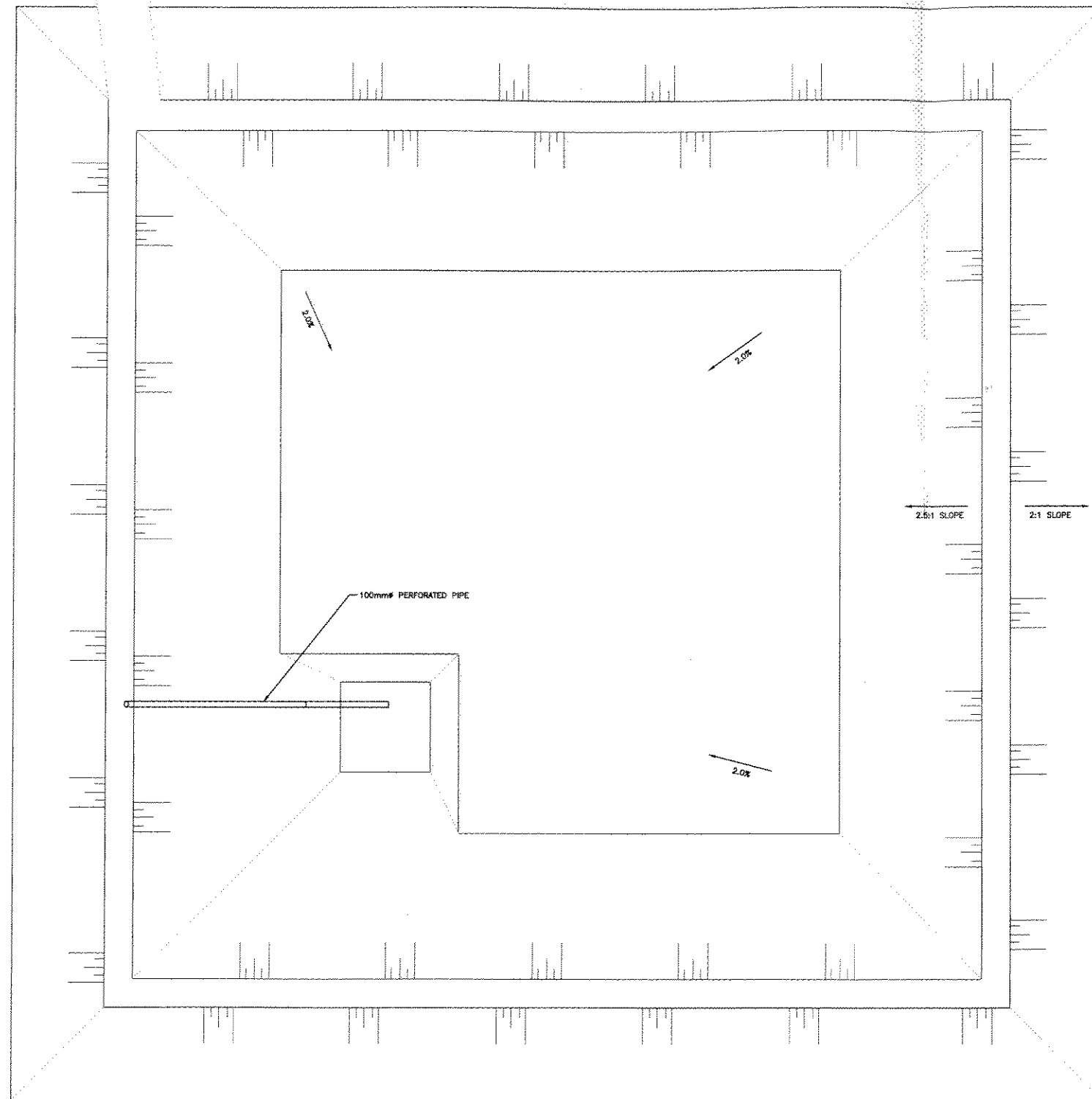
Hi Joe,

Please find included here original, signed drawings of those sent to you electronically from Navjit Sidhu on August 18, 2006. If you have any questions, please don't hesitate to call me at (867) 920-4555 ext. 37. Thanks,

A handwritten signature in cursive script that reads "Stephanie".

Stephanie



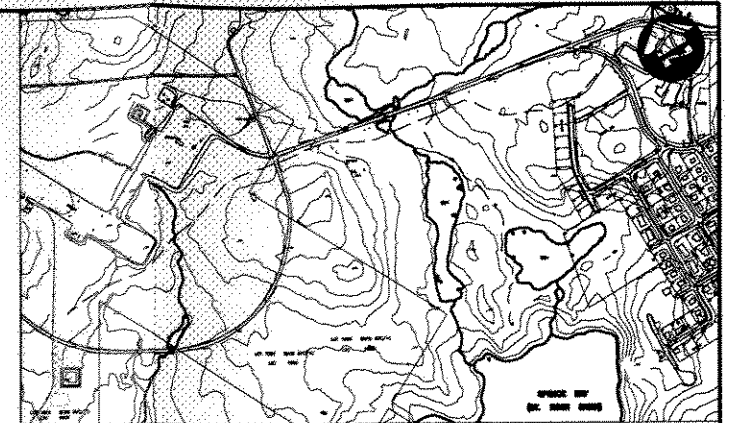


LAND FARM PLAN
1:100

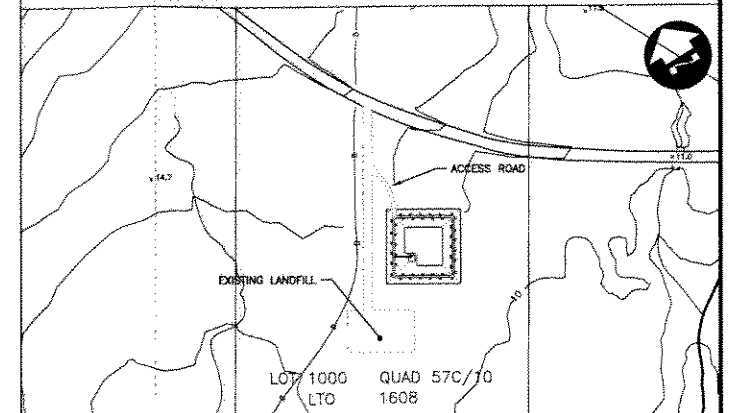
THE ASSOCIATION OF
PROFESSIONAL ENGINEERS,
GEOLOGISTS and GEOPHYSICISTS
OF THE NORTHWEST TERRITORIES
PERMIT NUMBER
P010
M. M. DILLON
LIMITED



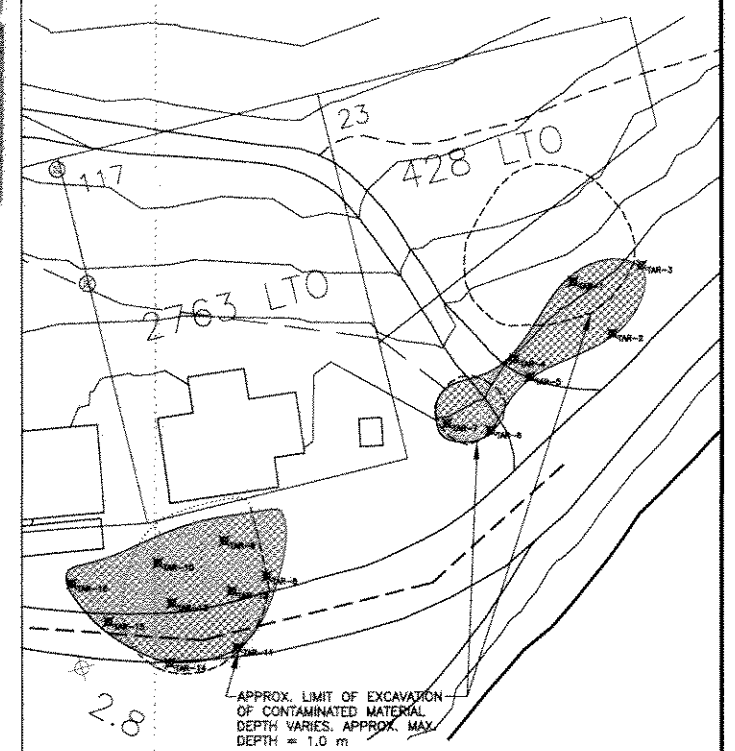
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OVERALL SITE PLAN
SCALE 1:7500

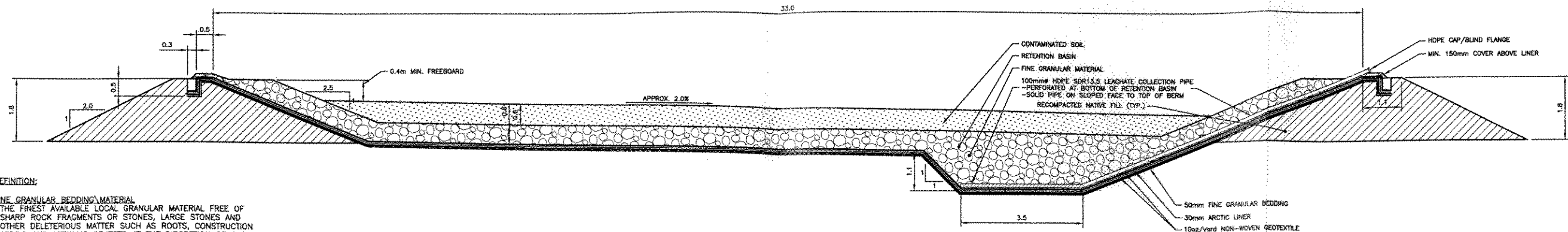


LANDFARM LOCATION
SCALE 1:2000



EXCAVATION DETAIL - RESUPPLY AREA
1:400

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| DILLON CONSULTING LTD. | | DATE | | <div><div>RECORD DRAWING</div><div>APPROVED BY:  DATE: 06/17/02</div></div> | | <div><div>NOTE:</div><div>LOCATION OF STRUCTURES AND COMPONENTS ARE BASED IN PART BY INFORMATION PROVIDED BY OTHERS. NO GUARANTEE IS GIVEN THAT ALL STRUCTURES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND LOCATION OF ALL ITEMS MUST BE CONFIRMED BY THE CONTRACTOR.</div></div> | | <div><div></div><div>DILLON CONSULTING</div></div> | | <table><tr><td>DESIGN</td><td>BMP</td></tr><tr><td>DRAWN</td><td>EDT</td></tr><tr><td>CHECKED</td><td>MTB</td></tr><tr><td>APPROVED</td><td></td></tr><tr><td>DATE</td><td>06/17/02</td></tr><tr><td>SCALE</td><td>AS SHOWN</td></tr></table> | | DESIGN | BMP | DRAWN | EDT | CHECKED | MTB | APPROVED | | DATE | 06/17/02 | SCALE | AS SHOWN | <table><tr><td colspan="2">GOVERNMENT OF NUNAVUT TALOYOAK PPD REMEDIATION</td></tr><tr><td colspan="2">SITE PLANS</td></tr></table> | | GOVERNMENT OF NUNAVUT TALOYOAK PPD REMEDIATION | | SITE PLANS | | <table><tr><td>FILE NO.</td><td>02-0456</td></tr><tr><td>DRAWING NO.</td><td>T1</td></tr></table> | | FILE NO. | 02-0456 | DRAWING NO. | T1 |
| DESIGN | BMP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CHECKED | MTB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DRAWING NO. | T1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



DEFINITION:

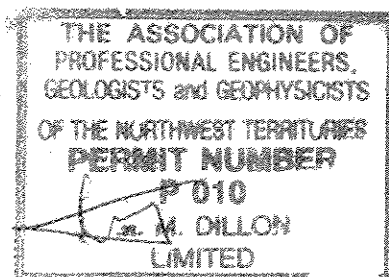
FINE GRANULAR BEDDING MATERIAL

THE FINEST AVAILABLE LOCAL GRANULAR MATERIAL FREE OF SHARP ROCK FRAGMENTS OR STONES, LARGE STONES AND OTHER DELETERIOUS MATTER SUCH AS ROOTS, CONSTRUCTION DEBRIS AND METALLIC OBJECTS AT THE DISCRETION OF THE SITE ENGINEER.

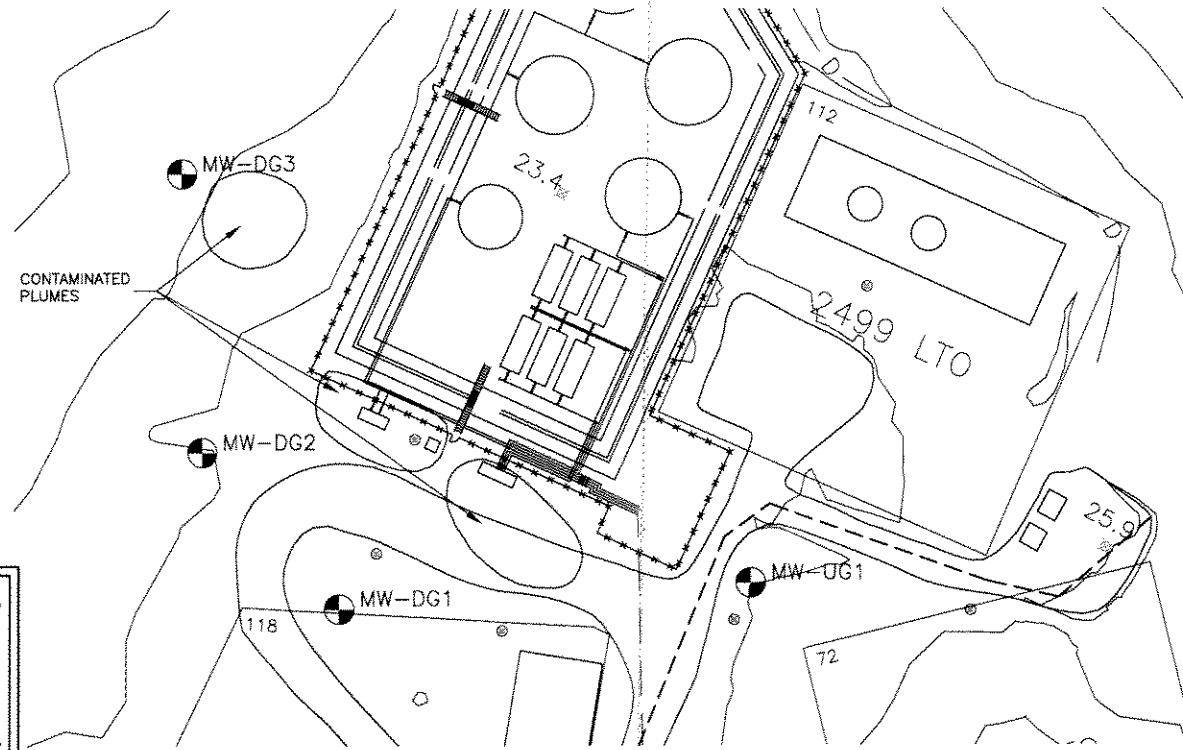
LANDFARM SECTION 1
1:60

NOTES:

1. FINE GRANULAR BEDDING AND EMBANKMENT (RECOMPACTED NATIVE FILL) SHALL BE COMPACTED TO 95% OF PROCTOR DENSITY AT THE DISCRETION OF THE SITE ENGINEER.
2. CONTAMINATED SOILS FROM RESUPPLY AREA WILL BE EXCAVATED AND HAULED ALONG DESIGNATED ROUTE AND DEPOSITED AT THE SOIL REMEDIATION FACILITY LOCATED TO THE SOUTHEAST OF THE PPD TANK FARM.
3. APPROXIMATE VOLUME OF THE EXCAVATION IS 780m³, THE EXCAVATION IS APPROX. 1.0m DEEP.
4. **SCOPE OF WORK FOR SOIL REMEDIATION PROJECT:**
 - a) EXCAVATE SOILS AT RESUPPLY AREA AS INDICATED. CONSULTANT IN FIELD WILL DETERMINE THE CHARACTER OF MATERIALS. MATERIALS DESIGNATED AS CONTAMINATED ARE TO BE HAULED TO THE SOIL REMEDIATION FACILITY. MATERIALS DESIGNATED AS UNCONTAMINATED ARE TO BE STOCKPILED ON SITE.
 - b) MATERIALS HAULED TO FACILITY ARE TO BE DISTRIBUTED IN TREATMENT CELL TO A MAXIMUM THICKNESS OF 200mm.
 - c) CONTAMINATED SOILS TO BE REMEDIATED BY PERIODIC TILLAGE AS PER SPECIFICATIONS. CONTAMINATED SOILS MUST BE MAINTAINED AT OPTIMUM MOISTURE CONTENT AS DIRECTED BY CONSULTANT.
 - d) TO MAINTAIN THE CONTAMINATED SOILS AT OPTIMUM MOISTURE CONTENT, WATER COLLECTED FROM THE LEACHATE COLLECTION SYSTEM IS TO BE SPRAYED IN THE CELL. EXCESS WATER IS TO BE PUMPED FROM THE LEACHATE COLLECTION SYSTEM AND DEPOSITED AT A LOCATION DIRECTED BY THE CONSULTANT IN ACCORDANCE WITH THE GENERAL REQUIREMENTS SECTION OF THE SPECIFICATION.
 - e) EXCAVATIONS AT THE RESUPPLY AREA TO BE BACK FILLED AFTER ALL CONTAMINATED MATERIALS HAVE BEEN REMOVED AND CERTIFIED "CLEAN" BY CONSULTANT ON SITE.
 - f) FOLLOWING SUCCESSFUL REMEDIATION OF ALL CONTAMINATED SOILS, ALL REMEDIATED SOILS FROM TREATMENT CELLS ARE TO BE HAULED AND SPREAD IN A LOCATION SPECIFIED BY THE CONSULTANT ON SITE.
 - g) FOLLOWING REMOVAL OF CONTAMINATED SOILS FROM TREATMENT FACILITY, DECOMMISSION SOIL REMEDIATION FACILITY AND RESTORE ALL CONSTRUCTION AND OPERATION AREAS TO CONDITION EQUAL TO OR BETTER THAN WHICH EXISTED PRIOR TO CONSTRUCTION.
5. PROVIDE SHORING AND BRACING TO REQUIREMENTS OF NUNAVUT SAFETY ACT TO ALLOW ACCESS BY WORKERS; TO PROTECT EXISTING INFRASTRUCTURE; OR WHERE REQUIRED BY LAW.
6. SEE SPECIFICATION FOR FURTHER DETAILS AND INSTRUCTIONS.



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TANK FARM MONITORING WELLS
1:600

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| DRAWN | EDT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED | MTB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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