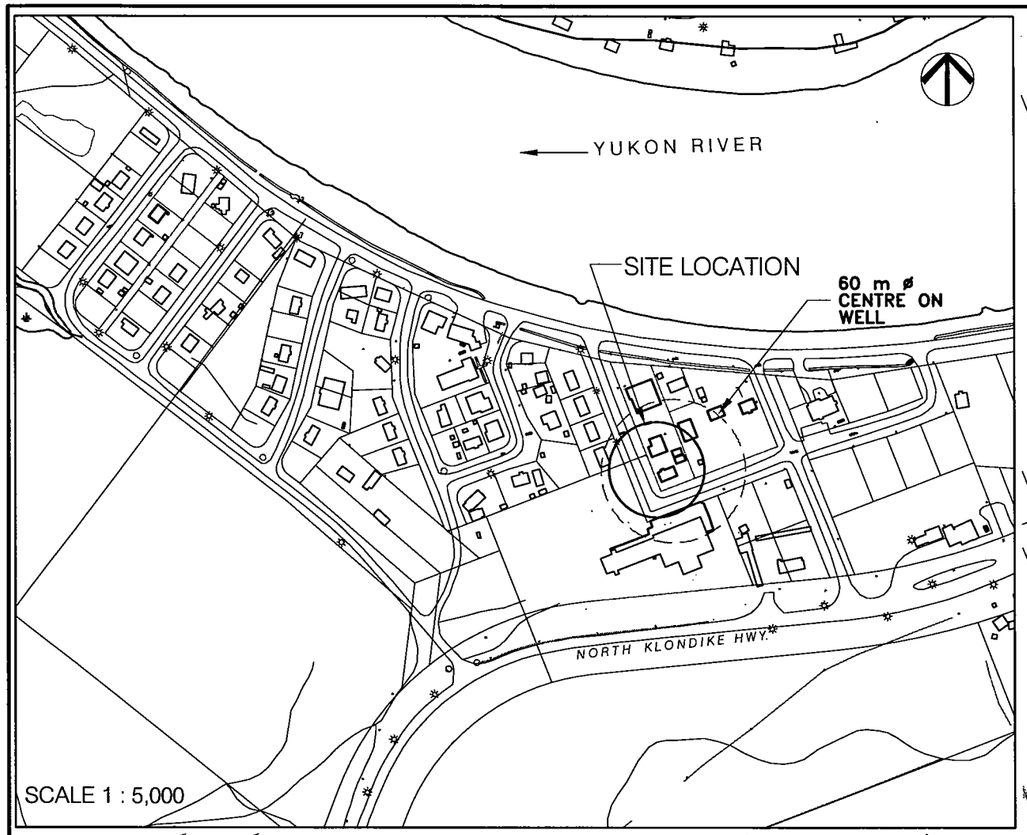
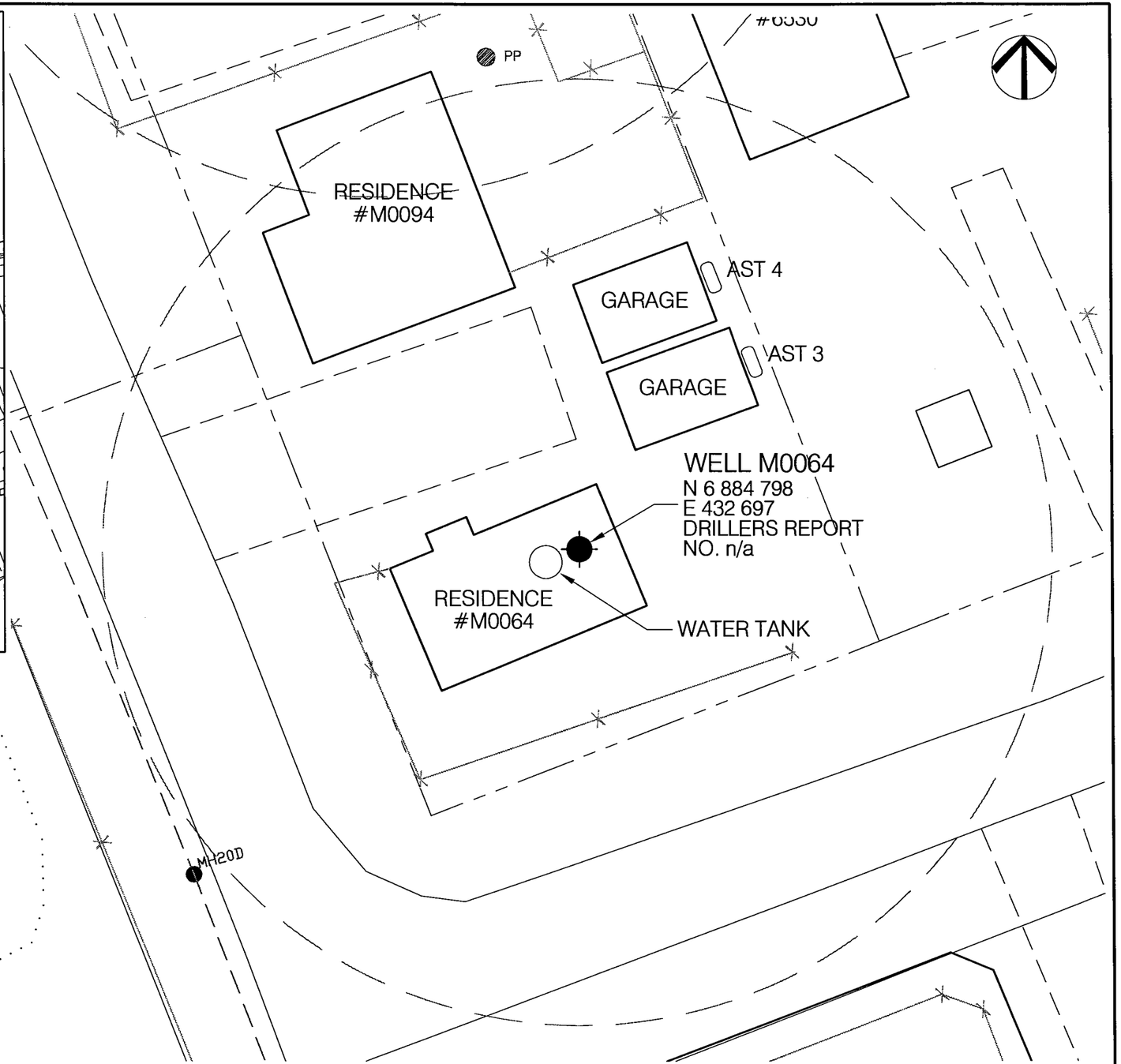
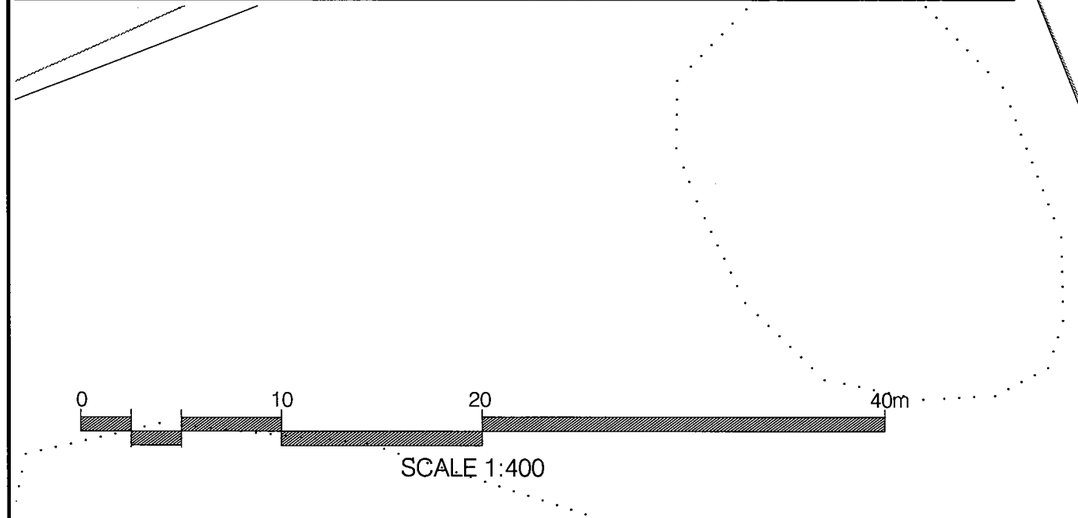






NOTES:
1. UTM COORDINATES OBTAINED WITH A HAND HELD GPS USING NAD83 SYSTEM AND ARE CONSIDERED TO BE ACCURATE TO 10.0 m, APPROXIMATELY.

30 m RADIUS FROM WATER WELL FOR CONSIDERATION OF PROXIMITY TO POTENTIAL CONTAMINANT SOURCES.

No.	DESCRIPTION	DATE	APPROVED
0	ISSUED FOR CLIENT REVIEW	DD/MM/YY	XXX

REVISION

EBA Engineering Consultants Ltd.

DESIGNED BY:	R. MARTIN
DRAWN BY:	J. BUYCK
DATE:	JUNE 2005
SCALE:	AS SHOWN
PROJECT No.:	1260002.001
ACAD FILENAME:	001-WHITEHORSE_REGION

CLIENT: Yukon
Highways and Public Works
Property Management Branch

SMALL PUBLIC WATER SYSTEMS ASSESSMENT
WHITEHORSE REGION

GOVERNMENT OF YUKON
HIGHWAYS & PUBLIC WORKS

CARMACKS RCMP RESIDENCE
BUILDING M0064
LOCATION DIAGRAM
WELL ID: M0064A

REVISION ISSUE: 0

DRAWING No.: FIGURE M0064A

Z:\0201Drawings\1260002 Water Assessment YTG\001 - Whitehorse Region\carmacks\1260002 Carmacks Overall Plan.dwg, 6/10/2005 4:24:34 PM, \\whl-eb-dc001\WH1201COMMON

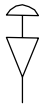
LEGEND


PUMP

PRESSURE GAUGE


GATE VALVE


CHECK VALVE

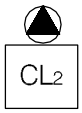

SOLENOID

#2 COMPONENT ID. No.
(SEE TABLE ON FOLLOWING PAGE)

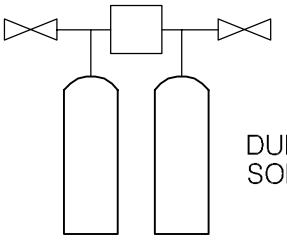
FLOW METER

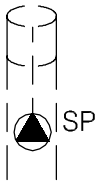
WATER FILTER
(CARTRIDGE TYPE)

PRESSURE TANK

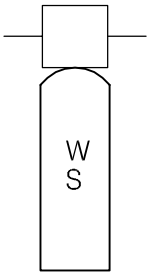


CHLORINE RESERVOIR AND
INJECTION PUMP


DUPLEX WATER
SOFTENER



WELL WITH
SUBMERSIBLE PUMP



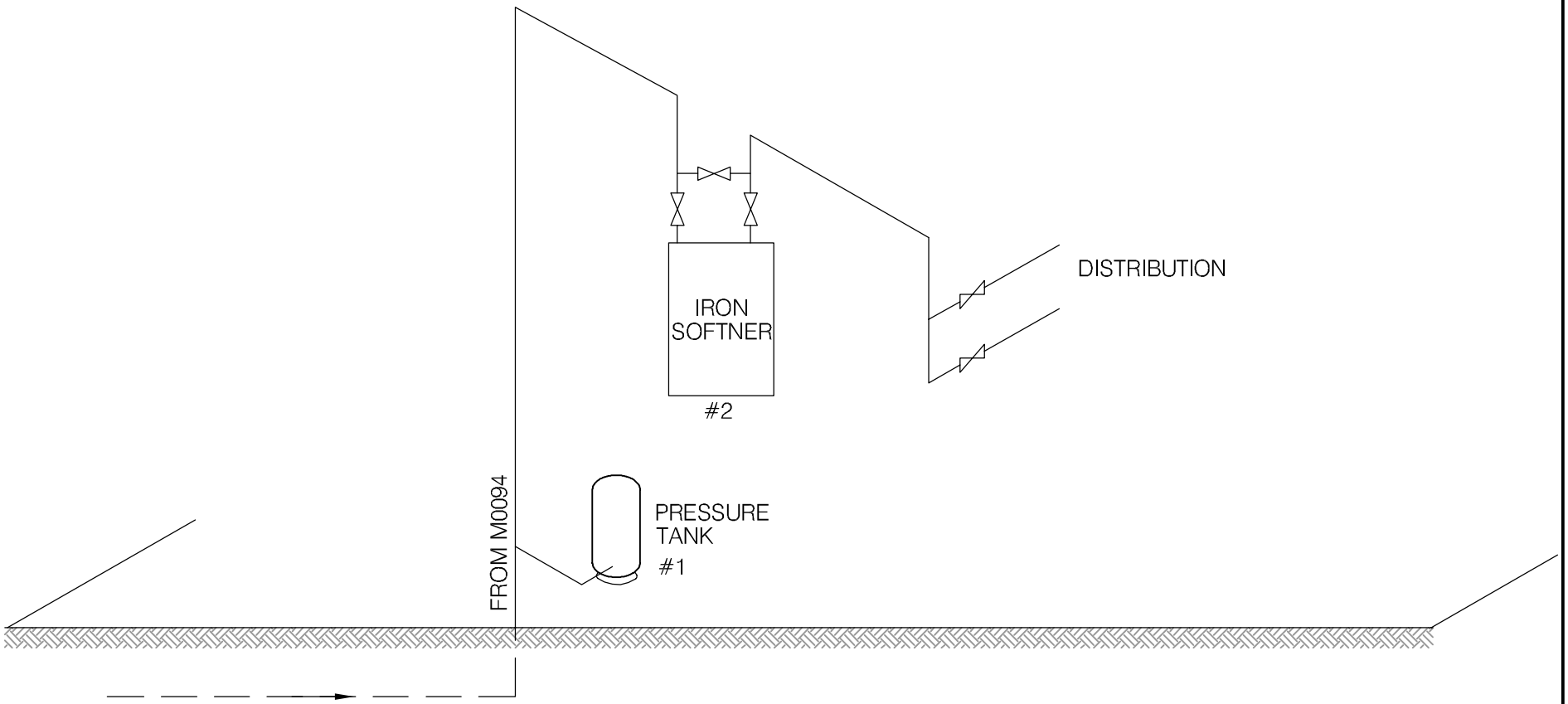
ACTIVATED
CARBON

EBA Engineering Consultants Ltd.			PROJECT	SMALL PUBLIC WATER SYSTEMS ASSESSMENT WHITEHORSE REGION	
CLIENT Yukon Highways and Public Works Property Management Branch			TITLE	SCHEMATIC SYSTEM LEGEND	
DATE APRIL 2006	DWN. JSB	CHKD. RMM	FILE NO. 1260002		DRWG. LEGEND

Whitehorse Region – R.C.M.P. Housing
Building # MOO64

DISTRIBUTION & TREATMENT SYSTEM DATA

Item	Description	Manufacturer	Model	Part No.	Serial No.	Size
1	4" Sub. Pump.					4" - 1/2 HP.
2	Holding Tank		1250 W.			1250 Gallon
3	~~J~~et Pump	Duro	Convertible			3/4 HP.
4	Press Tank.	Aqua Flo	AF 2665			307 L
5	Water Softener	Myers	NISF301N		1192	
6	Pressure Switch	Sq. D	FSG-2			1/4" Fipt
7						
8						
9						
10						



SCHEMATIC PRODUCED BY BERT ALBISSER OF AQUA TECH SUPPLIES & SERVICES LTD.

EBA Engineering Consultants Ltd.			PROJECT	SMALL PUBLIC WATER SYSTEMS ASSESSMENT WHITEHORSE REGION	
CLIENT Yukon Highways and Public Works Property Management Branch			TITLE	WATER SYSTEM DISTRIBUTION/TREATMENT SCHEMATIC SYSTEM ID.: M0094 CARMACKS RCMP DETACHMENT	
DATE APRIL 2006	DWN. JSB	CHKD. RMM	FILE NO. 1260002.001		DWG.: FIGURE M0094B

Z:\0201Drawings\1260002 Water Assessment YTG\001 - Whitehorse Region\carmacks\Schematics\1260002 RCMP Detachment M0094 Schematic.dwg, 4/6/2006 10:27:10 AM, Adobe PDF, jbuyck

Whitehorse Region – R.C.M.P. Housing
Building # ~~M0084~~ M0094

DISTRIBUTION & TREATMENT SYSTEM DATA

Item	Description	Manufacturer	Model	Part No.	Serial No.	Size
1	PRESSURE TANK	WELL RITE	WR260-02			
2	IRON SOFTNER	MYERS	M15F30IN		1192	
3						
4						
5						
6						
7						
8						
9						
10						

TABLE M0064 - 1: SUMMARY OF BACTERIOLOGICAL RESULTS

Building #	Building Name	Number of Sampling Events	Time Period over which Sampling was Done	Any Positive Total Coliform Results? (yes or no)	Fraction of Positive Total Coliform Results vs. Total Sampling Events	Any positive E.Coli results? (yes or no)	Most Recent Sampling Event Available for EBA Review	Is Most Recent Result Positive?
M0064	R.C.M.P Housing	9	Oct-04 to Mar-05	**yes**	3/9	no	11-Mar-05	no
M0094	R.C.M.P Housing	12	Sept-04 to Mar-05	**yes**	2/12	no	11-Mar-05	no

Table M0064-2: Water Quality Results

SOURCE:	Building M0064 - R.C.M.P. Housing		Building M0094 - R.C.M.P. Housing		GCDWQ Criteria		
Location/ Resident	Carmacks		Carmacks				
Address	Lot B-12		Lot B-12				
Treatment	No, Water Softener Only		No, Water Softener Only				
Source of Water	On-Site Well, Shares with		On-Site Well, Shares with				
Purpose of Sampling	Baseline	Additional Sampling	Baseline	Additional Sampling			
Sample Location		Downstairs Laundry Tub Tap		Kitchen Tap			
Date Sampled	8-Oct-04	12-May-05	5-Oct-04	12-May-05	**Lower Limit**	**Upper Limit**	
Physical Tests *(ALS)*					**AO**	**MAC**	**AO**
Colour (CU)	5		5				15
Conductivity (uS/cm)	373		481				
Total Dissolved Solids	231		284				500
Hardness CaCO3	214		4		AO >200 = poor, > 500 unacceptable[A]		
pH	8.0		8.3		6.5		8.5
Turbidity (NTU)	0.15		0.3			1	5
UV Absorbance		<0.0010		<0.0010			
Dissolved Anions *(ALS)*							
Alkalinity-Total CaCO3	201		215				
Chloride Cl	3		3				250
Fluoride F	0.2		0.2			1.5	
Sulphate SO4	21.4		21.8				500
Nitrate Nitrogen N	0.1		0.1			10	
Nitrite Nitrogen N	<0.05		<0.05			1	
Total Metals *(ALS)*							
Aluminum T-Al	<0.02						
Antimony T-Sb	0.0006		<0.02			0.006	
Arsenic T-As	<0.0004		0.0008			0.025	
Barium T-Ba	0.0643		<0.0004			1	
Boron T-B	<0.02		0.0009			5	
Cadmium T-Cd	<0.0002		<0.02			0.005	
Calcium T-Ca	63.9		<0.0002				
Chromium T-Cr	<0.0008		1.2			0.05	
Copper T-Cu	0.07	0.0116	0.0015			1	
Iron T-Fe	0.009		0.068				0.3
Lead T-Pb	0.0005		0.031			0.01	
Magnesium T-Mg	13.4		0.0002				
Manganese T-Mn	0.001		0.1				0.05
Mercury T-Hg	<0.0002		<0.001			0.001	
Potassium T-K	2.3		<0.0002				
Selenium T-Se	<0.0004		48.6			0.01	
Sodium T-Na	7		<0.0004				200
Uranium T-U	0.0011		81			0.02	
Zinc T-Zn	0.007		0.0009				5
			0.007				
Dissolved Metals							
Copper D-Cu		0.0078					1.0
Field Chemistry (EBA)							
pH		8.08		8.10	6.5		8.5
TDS		194		199			500
EC (uS/cm)		383		392			
Temperature		13.1		15.0			
Free Available Chlorine							250

Notes:

A. Guidelines indicated for hardness are not CDWQG, rather they are general aesthetic guidelines - exceedences are indicated in yellow highlighting.

Shading indicates exceedence of Proposed MAC guideline (arsenic).

Bold Underline with Yellow shading indicates exceedence of CDWQG MAC

Results are expressed as milligrams per litre except for pH and Colour (CU), Conductivity (umhos/cm),Temperature (^{o}C) and Turbidity (NTU)

< = Less than the detection limit indicated.

AO = Aesthetic Objective

MAC = Maximum Acceptable Concentration (Health Based)

Table M0064-3: Summary of Well Assessment Results
SMALL PUBLIC DRINKING WATER SYSTEMS

Well Identification and Location

Building #	Building Name	Location	Northing (+/- 10 m)	Easting (+/- 10 m)	Grade Elevation (+/- 10 m)
M0064 M0094	R.C.M.P. Housing	Carmacks	6884798	432697	526

Well Details

Well Casing Diameter (mm)	Year Well Installed	Well Log?	Well Depth (m bg)	Reported Low Permeabilty Protective Layer?	Pump Setting (m bg)	Well Capacity - Tested, or Reported by User	Static Water Level Below Ground (m-btwc)
150	?	No	?	No, shallow well	?	1/2hp submersible pump (shared between 2 residences) Size of pump meets needs	?

Well Construction Details

Wellhead Above ground (m)	Well Cap	Well Screen	Surface Seal	Apron Grading
?	Split Cap Gasket	?	Unlikely	Inside building

Table M0064-4: Potential Contaminant Sources
Building M0064 – RCMP Housing

Potential Contaminant Source	Potential Contaminants	Distance from Water Source	Northing	Easting
Dump or Landfill	***Organic*** and inorganic chemicals.	1250 m		
Cemetery	***Biological[1],*** inorganic[2] and organic parameters.	350 m		
Sewage lagoon	***Biological,*** inorganic and organic parameters.	>300 m		
Sewage lines, tanks and lift stations	***Biological,*** inorganic and organic parameters.	**<15 m to service lines and <30 to main**		
Septic fields	***Biological and Inorganic*** parameters.	>150 m		
Gas stations	***Organic and Inorganic*** parameters.	200 m		
Undergrounds Fuel Storage Tanks (USTs)	***Organic*** parameters.	>>30 m		
Above ground storage tanks (ASTs)	***Organic*** *parameters.*	**18 m**	6884810	432685
Naturally occurring sources of contamination	***Radionuclides, Bacteria and Viruses from surfacewater sources.***	>100 m		

Notes: ***Bold highlighting of distances indicates non-compliance with proposed guidelines***

1- Biological parameters include: bacteria, viruses, protozoa (parasitic organisms), helminthes (intestinal worms), and bio aerosols (inhalable moulds and fungi).

2 – Inorganic contaminants could include arsenic in embalming chemicals (prior to early 1900's), and heavy metals in caskets.

Required Setback Distances Draft Guidelines for Part III – Small Public Drinking Water Systems:

300 m (1,000 ft) from a sewage lagoon or pit and manure heaps
120 m (400 ft) from a solid waste dump or a cemetery
30 m (100 ft) from any other potential source of contamination

SMALL PUBLIC WATER SYSTEM ASSESSMENT

PART A: EBA Site Inspection

Inspector: Ryan Martin, Luke Lebel Date May 12, 2005

WELL ID #	Owner	Location Description
M0094 + M0064 (1 well)	RCMP	RCMP Housing

1. Well Location and Potential Contaminant Sources

a. General location of well: (Community, Subdivision, etc.)
Carmacks

b. Specific location: (Road or street, Building number, name of owner and/, legal description,
Carmacks RCMP Detachement Housing

c. GPS location: 432697 Easting 6884798 Northing 526m elev. ± 14m

d Is there electric power? ☒ Yes ☐ No

e. Does the well system have:

☐ 15 or more service connections to a piped distribution system ? If so how many_____
Services 2 RCMP Housing Houses

☐ 5 or more delivery sites on a trucked distribution system? If so how many_____

f. Nearest building, specify _____

g. Distance from well to building _____

h. If there is an effluent disposal field, is its location known? ☐ Yes ☒ No

i. Distance from well to nearest point of known field: _____

j. Well location relative to field: ☐ upslope ☐ downslope ☐ lateral

k. Is there any part of a sewage disposal system(s)or other potential sources of pollution that may pose a health and safety risk within 30 m? ☒ Yes ☐ No
There is a sewer line <30 m away

l. Is the well located within 300 m from a sewage lagoon or pit? ☐ Yes ☒ No
There is a solid waste dump ~1km away

m. Is the well located within 120 m from a solid waste site or dump, cemetery? ☐ Yes ☒ No

n. Is the infrastructure protecting the wellhead, pumphouse, storage tank and/or water treatment plant designed and secured to prevent:

Unauthorized access by humans? ☐ Yes ☐ No Entrance by animals? ☐ Yes ☐ No

o. Is well site subject to flooding? ☐ Yes ☐ No

p. Is the well site well drained? ☐ Yes ☐ No

q. Is there a buried fuel tank on the property? ☐ Yes ☒ No Unlikely

If yes, is it ☐ in use ☐ abandoned

Is the location known? ☐ Yes ☐ No

Distance from the well to known buried tank _____

r. Are there any other known contaminant sources on the property?

☒ Yes ☐ No Describe _____

If yes, specify the source: ☐ dump ☐ sewage lagoon ☐ cemetery ☐ other

Potential Source 1: 457 3rd ; Distance from well to Potential Source 1: 18 km
Potential Source 2: _____ ; Distance from well to Potential Source 2: _____
Potential Source 3: _____ ; Distance from well to Potential Source 3: _____
Potential Source 4: _____ ; Distance from well to Potential Source 4: _____

s. Are there other wells on this property? ☐ Yes ☐ No

How many? _____ ☐ in use ☐ abandoned ☐ require proper sealing

2. Well and Wellhead information:

*a. When was well installed? Year _____ Month _____

b. Type: ☒ drilled ☐ dug ☐ sand point ☐ other _____

*c. Is there a drillers log for the well: ☐ Yes ☐ No

d. Is there a surface seal to 6 m ☐ Yes ☐ No ☐ unknown ☒ unlikely

e. Surface casing: ☐ Yes Diameter _____ ☐ No

f. Well casing: Diameter _____ Material: ☐ steel ☐ plastic ☐ concrete

*g. Depth of well: _____ ☐ measured (if possible) ☐ reported ☐ from log

*h. Static water level below ground: _____

☐ measured (if possible) ☐ reported ☐ from log ☐ flowing

*i. (If granular) Is the well completed: ☐ open end casing ☐ with a well screen

☐ with slotted pipe ☐ unknown other _____

*j. (If bedrock) Does the well have a liner? ☐ yes ☐ No ☐ steel ☐ plastic

*k. If there is a well screen: length _____ slot size(s) _____
Location of screen: from _____ to _____ from log reported

l. Is there a sump below the screen? ☐ Yes ☐ No unlikely

m. Is the well head: ☐ in pumphouse ☐ in pit ☐ pitless adaptor ☐ in a building

☐ in a wooden enclosure other, describe _____

n. If the well head is located in a wooden enclosure,

i. Is the well head below grade? describe in detail_____

ii. Are there signs of ponding on the enclosure(e.g. water stains, etc.)? ☐ Yes ☐ No

iii. Is the wellhead enclosed by fiberglass insulations? ☐ Yes ☐ No

iv. Any evidence of rodents? Specify_____

v. Does the well casing have a proper seal cap? ☐ Yes ☐ No

If no, describe condition_____

3. Water Supplying This Well:

a. By definition is the water from a surface water source or under the direct influence of surface water?

☒ Yes ☐ No ☐ farther investigation required.

If yes is there treatment ☒ Yes ☐ No

Explain (filtration, disinfection etc...) water softeners for both homes

---

4. Aquifer Supplying This Well:

a. The aquifer is: ☐ bedrock ☐ granular sediment ☐ unknown

b. Does water level and/or well capacity show seasonal fluctuation? ☐ Yes ☒ No

5. Pump Installation:

a. Is the well equipped with a pump? ☒ yes ☐ No

b. Type of pump: ☐ hand ☒ electric submersible ☐ jet

☐ shallow well centrifugal ☐ other, _____

c. Description: Manufacturer _____ Model _____

horsepower _____ capacity _____ voltage _____

d. Date installed: _____ By: _____

e. For submersible pump, depth of setting below surface _____

f. Drop pipe for submersible pump: ☐ steel ☐ plastic

g. Pump delivers water to: ☐ pressure tank ☐ elevated tank ☐ other

h. Are there automatic pump controls: ☐ Yes ☐ No

i. Is there provision for taking water samples before water reaches storage? ☐ Yes ☐ No

j. Is there a water meter on the system? ☐ Yes ☐ No

k. Is the pump and piping protected from freezing? ☐ Yes ☐ No

If yes, describe: _____

l. Comments on pump installation: _____

_____

6. Conclusions

a. Comments on overall installation:

_____

_____

_____

_____

_____

_____

_____

b.Recommendations: _____

_____

_____

_____

_____

_____

_____

_____

PART B: EBA Site Inspection

Inspector: BERT ALBISSER Date MAY 12-05

WELL ID #	Owner	Location Description
M0064	YTG	CARMACKS REMP RES. TAN HOUSE

6. **Water Treatment**

a. Is well water treated? ☑ Yes ☐ No; Type of treatment:

☐ chlorination ☑ iron and or manganese removal ☐ other _____

b. Is water entering plumbing or piped distribution system treated with chlorine or another treatment that is as effective as chlorine used to achieve disinfection throughout the system?

☐ Yes ☑ No If so how _____

c. If treated with chlorine, is the free residual chlorine concentration less than 0.2 mg/L

☐ Yes ☐ No _____ reading.

Tested at _____ (location)

d. Is testing for chlorine residual concentration done at the tap (eg. Kitchen faucet) or from representative points in a piped distribution system, including a point from tap at the end line

☐ Yes ☐ No If yes how often? _____

e. If the drinking water is being transported by water delivery truck does it have a minimum chlorine free residual of 0.4 mg/L at the time of fill. ☐ Yes ☐ No

7. **Water Quality (observations):**

a. Does the water stain plumbing? ☐ yes ☑ No ☐ slight ☐ severe

Type of stain: ☐ brown ☐ red ☐ black

b. Does the water contain sediment? ☐ Yes ☑ No ☐ occasional ☐ constant

c. Is there an unpleasant odour? ☐ Yes ☑ No ☐ H_2S ☐ Other _____

d. Is there an unpleasant taste? ☐ Yes ☑ No ☐ brackish ☐ Other _____

e. Is there a history of bad bacterial analyses? ☐ Yes ☐ No N/A.

f. Is there a chemical analysis? ☐ Yes ☐ No ☐ adequate ☐ incomplete N/A.

g. Is there analysis of trihalomethanes (THMs) where the water source is a surface water supply or a well under the direct influence of surface water? ☐ Yes ☑ No

h. Is the drinking water tested daily with an accurate reading chlorine test kit capable of reading in the range 0 to 3.5 mg/L of free chlorine residual in increments of 0.1mg/L? ☐ Yes ☑ No ☐ unknown

i. If yes is the test performed in accordance with manufactures directions? ☐ Yes ☐ No ☐ unknown

j. Is a record of the date, time,name of person performing the test and results of the drinking water sample kept? ☐ Yes ☐ No

TANK AND PIPING DETAILS

Tank Room

Is there a water tank? (Yes) No Details: PRESSURE TANK

Where is it located?
Comments: ~~PRESSURE~~ BASEMENT

Is the room in which the water tank is located heated to maintain an optimum temperature of 4°C for stored water?
YES NO
Comments: _____

Are there windows in the add-on that may allow direct sunlight onto the water holding tank? YES NO
Comments: _____

Are there other heat sources near the tank? YES NO
Comments: _____

Is there waterproof flooring with a sealed base to contain spills? YES NO
Comments: _____

Overall Tank

What are the tank size and dimensions?

_____

What material is the tank constructed of? _____

Is tank and associated piping constructed of safe materials (i.e. CSA approved and material that does not affect the taste of the water)? YES NO

Comments: _____

Tank Inlet, Outlet and Lid

Is there adequate access on the tank for cleaning (i.e. min 15" access lid)? YES NO

Does the lid have a tight seal and is it watertight when closed? YES NO

Does the tank have an overflow or high level whistle? YES NO

Is the water tank drain accessible? YES NO

WATER TANK AND WATER QUALITY CONDITION

Are there signs of staining or biofouling? YES NO
Comments: _____

Is there any sediment or scum in bottom of tank? YES NO
Comments: _____

Is there any odour associated with the water or tank? YES NO

Have there been any bacteriological analyses conducted previously? YES NO

Does the tank appear that it has been cleaned recently? YES NO

Are the tanks easily assessed for the purpose of cleaning and disinfection? YES NO

8. Conclusions

a. Comments on overall installation:

INSTALLATION IS OF GOOD QUALITY & WORKMANSHIP.
WELL CASING IS PRONE TOO FLOODING.

b. Recommendations:

INSTALL PITLESS ADAPTER & EXTEND CASING 18" ABOVE GRADE.

PART B: EBA Site Inspection

Inspector: BERT ALBISSEN Date MAY 12-05

WELL ID #	Owner	Location Description
M009A	YTG	CARMACKS - RCMP WHITE HOUSE

6. **Water Treatment**

a. Is well water treated? ☑ Yes ☐ No; Type of treatment:

☐ chlorination ☑ iron and or manganese removal ☐ other _____

b. Is water entering plumbing or piped distribution system treated with chlorine or another treatment that is as effective as chlorine used to achieve disinfection throughout the system?

☐ Yes ☑ No If so how _____

c. If treated with chlorine, is the free residual chlorine concentration less than 0.2 mg/L

☐ Yes ☐ No _____ reading.

Tested at _____ (location)

d. Is testing for chlorine residual concentration done at the tap (eg. Kitchen faucet) or from representative points in a piped distribution system, including a point from tap at the end line

☐ Yes ☐ No If yes how often? _____

e. If the drinking water is being transported by water delivery truck does it have a minimum chlorine free residual of 0.4 mg/L at the time of fill. ☐ Yes ☐ No

7. **Water Quality (observations):**

a. Does the water stain plumbing? ☐ yes ☑ No ☐ slight ☐ severe

Type of stain: ☐ brown ☑ red ☐ black

b. Does the water contain sediment? ☐ Yes ☑ No ☐ occasional ☐ constant

c. Is there an unpleasant odour? ☐ Yes ☑ No ☐ H_2S ☐ Other _____

d. Is there an unpleasant taste? ☐ Yes ☑ No ☐ brackish ☐ Other _____

e. Is there a history of bad bacterial analyses? ☐ Yes ☐ No N/A .

f. Is there a chemical analysis? ☐ Yes ☐ No ☐ adequate ☐ incomplete N/A -

g. Is there analysis of trihalomethanes (THMs) where the water source is a surface water supply or a well under the direct influence of surface water? ☐ Yes ☑ No

h. Is the drinking water tested daily with an accurate reading chlorine test kit capable of reading in the range 0 to 3.5 mg/L of free chlorine residual in increments of 0.1mg/L? ☐ Yes ☐ No ☐ unknown

i. If yes is the test performed in accordance with manufactures directions? ☐ Yes ☐ No ☐ unknown

j. Is a record of the date, time,name of person performing the test and results of the drinking water sample kept? ☐ Yes ☐ No

TANK AND PIPING DETAILS

Tank Room

Is there a water tank? (Yes) No Details: PRESSURE TANK

Where is it located?
Comments: BASEMENT

Is the room in which the water tank is located heated to maintain an optimum temperature of 4°C for stored water?
YES NO
Comments: _____

Are there windows in the add-on that may allow direct sunlight onto the water holding tank? YES NO

Comments: _____

Are there other heat sources near the tank? YES NO
Comments: _____

Is there waterproof flooring with a sealed base to contain spills? YES NO
Comments: _____

Overall Tank

What are the tank size and dimensions?

_____

What material is the tank constructed of? _____

Is tank and associated piping constructed of safe materials (i.e. CSA approved and material that does not affect the taste of the water)? YES NO

Comments: _____

Tank Inlet, Outlet and Lid

Is there adequate access on the tank for cleaning (i.e. min 15" access lid)? YES NO

Does the lid have a tight seal and is it watertight when closed? YES NO

Does the tank have an overflow or high level whistle? YES NO

Is the water tank drain accessible? YES NO

WATER TANK AND WATER QUALITY CONDITION

Are there signs of staining or biofouling? YES NO
Comments: _____

Is there any sediment or scum in bottom of tank? YES NO
Comments: _____

Is there any odour associated with the water or tank? YES NO

Have there been any bacteriological analyses conducted previously? YES NO

Does the tank appear that it has been cleaned recently? YES NO

Are the tanks easily assessed for the purpose of cleaning and disinfection? YES NO

8. Conclusions

a. Comments on overall installation:

INSTALLATION IS OF GOOD QUALITY MATERIAL & WORKMANSHIP.

b. Recommendations:

ADD UV SYSTEM & FILTRATION

Photo 0015: M0064 Water System

Photo 0147: M0064 and M0094 Above Ground Heating Fuel Storage Tank

Photo 0011: M0094 Water Softener (left) and Pressure Tank (right)

Photo 0012: M0064 Water Softener