

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-13735

Exam Date: 7/24/2012

1. Current Owner: CITY OF NEW PLYMOUTH
PO BOX 158
NEW PLYMOUTH ID 83655
(208)278-5338
2. Accompanied by: Beau Ziemer, Public Works Supervisor
Phone No: (208)642-3304, or cell: (208)573-5277
Address: 301 N. Plymouth Ave., New Plymouth, ID 83655 Email: beauziemer@cableone.net
Relationship to Permit Holder: Public Works Supervisor for the City of New Plymouth

Some information obtained from: Andy Gehrke, Holladay Engineering (208)642-3304; cell: (208)919-1272
andy@holladayengineering.com

3. **SOURCE**

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 65-25, 65-26, 65-27, 65-7093, 65-12213, 65-23263 (SEE ATTACHMENT)
2. Other water rights with the same point of diversion: None (once the transfer application has been completed by Western, the PODs will be updated to show wells 6, 7, 8, 9, and include water rights 65-25, 65-26, 65-27, 65-7093, 65-12213, and 65-23263). SEE ATTACHMENT. We are completing the license this way without processing an amendment, to avoid duplication of fees.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SW1/4NE1/4 Sec. 9, Twp 07N, Rge 04W, B.M. PAYETTE County

Method of Determination: Garmin GPS Map 76S, ArcMap 2011

2.

PLACE OF USE: MUNICIPAL

Within the City of New Plymouth water service area boundary (see map, for service area found during field examination)

Method of Determination: Garmin GPS Map 76S, ArcMap 2011

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
☒ Aerial Photo Attached (required for irrigation of 10+ acres).
☒ Photo of Diversion and System Attached

4.

Well or Diversion

<u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
D0001496 (well #8) Submersible	Franklin Electric	30	3857F250B		6-inch

System runs at 50 psi.

Booster Pumps:

- (1) Emerson US Motor cat. # DJ20SIAM 3-phase, 20 Hp, 8-inch discharge
- (2) Emerson US Motor cat. # DJ50S2BM 3-phase, 50 Hp, 8-inch discharge
- (3) Emerson US Motor cat. #DJ50S2BM 3-phase, 50 Hp, 4-inch discharge

360,000 gallon blending storage tank for wells 7, 8, and 9

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement

<u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
(1) IN: McCrometer	model#XR06PAIDA25,			serial # 97122582,	6-inch,	cal. Coeff. 1-099 flow range
0-2850 USGM; Records submitted confirm: 1.12 cfs. Measurement taken off the McCrometer flow meter at the time of the field examination was 382.0 gpm X 0.00223 = 0.68 cfs (which is not during peak demand time, therefore the pump records submitted will be used to confirm the rate of diversion.						
(2) OUT: McCrometer	model#XR087AIDA25,			serial# 98022647,	8-inch,	cal. Coeff. 1-280 flow range
0-4900 USGPM;						

Calibration Date: 2/26/1998 (both meters).

2. Measurements:

There was not enough room anywhere on the discharge lines to place a measuring device for a comparison of the McCrometer flow meters, that were already installed on the system. For this reason, no physical measurement was collected at the time of the field examination, but instead the measurements from the McCrometer flow meters were used, and compared to the theoretical.

3. Theoretical:

$$(8.8 \times 30 \text{ HP} \times 0.7 \text{ eff}) / [26' + (50 \text{ psi} \times 2.31)] = 1.3 \text{ cfs}$$

RECOMMEND:

Municipal 1.12 cfs with combined limits with other existing municipal water rights of 3.45 cfs. A paragraph will be included on the cover letter addressing fire protection.

E. VOLUME CALCULATIONS

1. Volume Calculations for Municipal: Limited by Condition 022.

F. NARRATIVE/REMARKS/COMMENTS

The location for well No. 8, is also the location for the 360,000 gallon blending storage tank (where wells 7, 8, and 9 co-mingle and blend to reduce the arsenic level in the water prior to being discharged to the distribution system). Well No. 8, ID Tag D0001496, was drilled 12/7/1997 by Riverside Inc. It is a 10 inch casing, that extends 6 inches above ground level (which will not be extended to meet the current regulations, until they have to make repairs or pull the pump, due to the expense). It is 85 ft deep, 16 ft static, 30 Hp Franklin Electric submersible pump, Serial No. 3857F250B, 6-inch discharge into the pump house, through a 6-inch McCrometer flowmeter model no. XR06PAIDA25, serial No. 97122582 calibration coefficient 1-099 flow range 0 - 2850 USGM. The line Ts with the one going to the storage tank (along with flows from wells 7 and 9). If work is being conducted on the storage tank, well No. 8 can flow the other direction directly to the distribution. There is an inlet from the storage tank that ties into the same line. The system runs at 50 psi. There are 3 booster pumps on the 8-inch ductile discharge line to the distribution with a McCrometer flow meter, 8-inch, model XR087AIDA25, serial No. 98022647, calibration coefficient 1 - 280, flow range 0 - 4900 USGPM. The 3 booster pumps are as follows: No. 1 Emerson US Motor Category. No. DJ20SIAM 3-phase, 20 Hp, 8-inch discharge; Booster No. 2: Emerson US Motor Cat. No. DJ5052BM model G249, 3-phase, 50 Hp, 8-inch discharge; Booster No. 3: Emerson US Motor model G249, Cat. No. DJ50S2BM, 50 Hp, 3-phase, 4-inch discharge. The installers for the storage tank were: A.O. Smith Engineer (359,000 gallon capacity, AQQA D103), was installed 9/1998, with a 30-inch access hatch, 6-inch overflow. There is a Cummins Power Generation (back-up generator) located on the outside of the pump house.

The reason for this water right, was to drill well No. 8 and to install the 360,000 gallon storage tank, since the existing reservoir was inadequate for fire protection and pressure (that 20,000 elevated storage tank, which was located near well No. 6, has now been taken off-line). Wells 1-4 have been abandoned; well #5 disconnected, well #6 is online but is used only for an emergency well, and wells 7, 8, and 9 are actively used on the existing system.

The interconnected distribution system throughout the City of New Plymouth service area boundary. consists of buried 12-inch PVC, 8-inch PVC, 6-inch PVC, and 4-inch PVC.

Have conditions of permit approval been met? ☒ Yes ☐ No

G. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MUNICIPAL	01/01 to 12/31	1.120 CFS	limited by condition 022
<u>Totals:</u>		1.120 CFS	

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

***The existing system will be updated with the transfer application that Western IDWR has possession of. This will eliminate duplication of fees being spent, and allow everything to be updated at the same time.

H. AUTHENTICATION

Field Examiner's Name

Judy Hemenway Date 6/10/2013

FOR: 65-23263, and 65-13735 City of New Plymouth

By: Sandy Hemenway

Date: 6/6/2013

Well and Distribution System Description:

1-4: Abandoned but according to Blakley Engineering reports they were operational in 1974; no other written reports.

(Water Rights 65-26, 65-7093, 65-27, and 65-25 will all be incorporated into the transfer filed to show the existing system)

5: This well was disconnected from the distribution in 1997, but the pump is still in tact. The City plans to use this well again in the future to irrigate a park. No plumbing has been installed to date.

6: Emergency well, in the event of a fire, that discharges directly into the distribution. There was a 20,000 elevated storage tank located here (Elm and Hawthorne), but it was taken off-line.

7: 8 inch casing, 100 ft deep, 14 ft static, 30 Hp Pacific Equipment submersible serial #385F250A. This is located 3/4 mile south end of New Plymouth. Discharges into 360,000 gallon storage tank (located at well #8) where it is blended, due to high Arsenic.

8: (Location for the 360,000 gallon blending storage tank) The POD is ID Tag # D0001496, 10 inch casing, casing extends 6 inches above ground level, 85 ft deep, 16 ft static, 30 Hp Franklin Electric submersible serial #3857F250B, 6 inch discharge into pump house, through a 6 inch McCrometer flowmeter model no. XR06PAIDA25, serial #97122582 cal. Coeff. 1-099 flow range 0 - 2850 USGPM. The line T's with the one going to the storage tank (along with flows from well 7 & 9). If work is being conducted on the storage tank, well 8 can flow the other direction directly to the distribution. There is an inlet from the storage tank that ties into that same line. The system runs at 50 psi. There are 3 booster pumps on the 8 inch ductile discharge line to the distribution with a McCrometer flow meter, 8 inch, model XRO87AIDA25, serial # 98022647, cal. Coeff. 1-280, flow range 0 - 4900 USGPM. The 3 booster pumps are as follows: #1 Emerson US Motor cat. No. DJ20SIAM 3-phase, 20 Hp, 8 inch discharge; Booster #2: Emerson US Motor Cat. No. DJ5052BM model G249, 3-phase, 50 Hp, 8 inch discharge; Booster #3: Emerson US Motor model G249, Cat. No. DJ50S2BM, 50 Hp, 3-phase, 4 inch discharge. The Installers for the storage tank: A.O Smith Engineer (359,000 gallon capacity, AQQA D103), was installed 9/1998, with a 30 inch access hatch, 6 inch overflow; There is a Cummins Power Generation (back-up generator). The well was drilled 12/7/1997 by Riverside Inc. The reason that this well was drilled, and storage tank, was because the existing reservoir was inadequate for fire protection and pressure. (the 20,000 gal. tank at well#6 has now been disconnected)

9: (Location for the 250,000 gal. storage tank). D0053403, drilled 3/3/2009 Adamson Pump and Drill, 10 inch casing, extending 22 inches above ground level, 224 ft deep, 40 ft drawdown, 5 ft static, 20 Hp submersible. The well is located directly north of the pump/control house, with the 250,000 gallon storage tank located to the southwest. There is a 6 inch overflow from the storage tank that goes to a drain/overflow pond to the north. There is a 6 inch discharge from the well to the pump house, that goes through flow meter prior to discharging to the 250,000 storage tank. From the storage tank to the pump house, there is a 12 inch inlet with 3 booster pumps (#5 - 7) to boost flow to the 360,000 gallon storage tank located at well #8 (#5 - 7 are: Emerson 3 phase, 20 Hp, model E685A, w/6" discharge, and at the time of the field exam 10 psi back pressure). There is an 8 inch discharge to the distribution, going to the storage tank at well #8. In the event well #9 were to discharge directly to the distribution system, instead of discharging to the 250,000 gallon storage tank, it would go through the east side of the pump house using booster pumps #1 - 4. Booster pump #1 has a 4" inch discharge, is an Emerson 3-phase, 10 Hp model R415. Booster pumps #2 - 4: Emerson 3-phase, 40 Hp, Model N871, 6 inch discharge. All 4 pumps were 45 psi. The discharge line going to the distribution directly is 12 inch. On the south side of the pump house are the flow meters on the wall (the east side is for the distribution, center one is from the blending tank, and the west side is for well #9). On the south wall of the pump house are the 3 ABB MagMaster Flow Meters (east side is distribution, center is blending tank, and west side is for well #9). Reason for this water right: Well #9 is low in arsenic, and is blended 3:1 with the other wells to maintain an Arsenic level below the Maximum Contaminant Level (MCL). Well #9: Gould's Model 6DHHC submersible 20 Hp 3450 rpm motor.

2010 Total Annual Volume = 24,632,200 gallons (partial year, April - December)

2011 Total Annual Volume = 32,916,100 gallons

2012 Total Annual Volume = 31,379,900 gallons

Maximum Daily Volume = 354,000 gallons (August 15, 2012)

Maximum Instantaneous Rate of Flow = 449 gpm (1.00 cfs) pump capable of >1.00 cfs, but controlled by VFD through computerized control system to not exceed 1.00 cfs.

Wells #6, 7, 8, and 9, and distribution system:

The above system is interconnected, and when the transfer is processed, all points of diversion will show on each water right. Wells 7 - 9 pump to the 360,000 gallon storage tank, before being discharged to the distribution system for the City of New Plymouth. Wells 7 - 9 can pump directly to the system, in the event the storage tank requires maintenance.

Well #6 (the emergency well) discharges directly to the distribution, although during non-emergency times it is not used, but is exercised 2 - 3 times per year. There are 91 hydrants on the entire system. The entire system is monitored by utilizing a SCADA (Supervisory Control and Data Acquisition) system, which is a computer system for gathering and analyzing real time data, for monitoring and control equipment, levels in the storage tank, diversion rate, alerting of leaks, etc. (SCADA System: SRM6000 Frequency Hopping Spread Spectrum radio modem).

There is 653 connections on the present water system.

The Peak Demand for the City of New Plymouth is from 6am - 8am during the year, and June thru August.

Throughout the entire City of New Plymouth service area boundary, the following buried distribution system is installed: 12-inch PVC, 8-inch PVC, 6-inch PVC and some 4-inch PVC.

Non-domestic Use:

Immediate yards; industrial use is minimal with organic chicken; 3 schools for internal use only

City of New Plymouth POU Overlaps:

Farmers Coop Irrigation (surface water), and some private domestic wells

65-20 New Plymouth School Dist., irrigation 7 acres (groundwater source)

65-2923C and 65-2923E Lake Reservoir Co. Irrigation (surface water)

65-25, 65-26, 65-27, 65-7093, 65-12213, 65-13735, and 65-23263 are all the City of New Plymouth water rights, that are being incorporated into a transfer to show the system as it currently exists.

Until that transfer is accomplished, these water rights were for specific wells (see below). The system now is interconnected:

Bas Sequence	Process	Basis	Dr	Priority	Dat	Div.Rate	Source	List	Water Use	Owner	Total Acre	Water Dis	WELL	STATUS	Reason for Water Right
65	26	Water Right Decreed	N	6/1/1929	0.270	Groundwater	Irr., Municipi	New Pl	12.0	65-Payett			1	Abandoned	
65	7093	Water Right Decreed	N	8/8/1969	0.400	Groundwater	MUNICIPA	New Plymouth	65-Payett				2	Abandoned	
No water right. A building was built over the top of this well.													3	No Record	
65	27	Water Right Decreed	N	6/1/1943	0.270	Groundwater	MUNICIPA	New Plymouth	65-Payett				4	Abandoned	Current operator does not know where this well ever was located
65	25	Water Right Decreed	N	7/18/1961	0.780	Groundwater	MUNICIPA	New Plymouth	65-Payett				5	On-Line	not abandoned; keeping for future irr. Use
No water right													6	Emergency	
65	12213	Water Right Decreed	N	4/6/1979	1.000	Groundwater	MUNICIPA	New Plymouth					7	On-Line	
65	13735	Water Right License	Y	6/16/1997	1.120	Groundwater	MUNICIPA	New Plymouth					8	On-Line	undersized dist., existing storage not adequate for fire prot/press.
65	23263	Water Right License	Y	2/21/2008	1.000	Groundwater	MUNICIPA	New Plymouth					9	On-Line	add'l storage, and 3:1 blending to reduce Arsenic levels
65	2260	Water Permit	N					New Plymouth							
TOTAL: 2.72 cfs already Decreed (without wells 8 and 9 being licensed), and 3.45 cfs including wells 8 and 9.															

Abandoned wells, or ones with no record of having ever been drilled (1974 Blakley Engineering reports operational in 1974)

Off-Line, and disconnected from the Existing Distribution System; City's intent is to retain well to provide irr. Water for future park (not piped yet)

#6 Emergency well, throttled down to 150 gpm (300 gpm capacity); exercised 2 - 3 X/year (currently not covered under any water right); included with Existing Distribution System

Active Wells on the Existing Distribution System

Active Wells (those on-line)

<u>Well Drilled</u>	<u>Casing Size</u>	<u>Depth</u>	<u>Hp</u>	<u>Drawdown</u>	<u>Static</u>	<u>Tag ID#</u>	<u>Max. Instantaneous Rate of Diversion for Entire City of New Plymouth</u>
6				unknown			150 gpm (0.3345 cfs)
7	6/14/1978	8 inch	100 ft	30	unknown	14 ft	449 gpm (1.00 cfs)
8	12/7/1997	10 inch	85 ft	30	unknown	16 ft	500 gpm (1.115 cfs)
9	3/3/2009	10 inch	224 ft	40 ft	5 ft	D0001496 D0053403	449 gpm (1.00 cfs) 1,548 gpm (3.45 cfs)

Entire City of New Plymouth Municipal Water System:

Maximum Instantaneous Rate of Diversion for Entire City of New Plymouth Municipal Water System = 1,548 gpm (3.45 cfs)*

*(150 gpm from Well 6, 449 gpm from Well 7, 500 gpm from Well 8, and 449 gpm from Well 9)

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

062050

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: _____ Long: _____
☐ Air ☐ Flowing Artesian

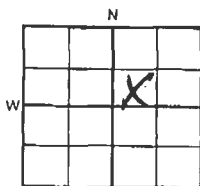
1. DRILLING PERMIT NO. 65-92-W-0381-000
Other IDWR No. D0001496 W.R. 65-13735

2. OWNER:

Name City of New Plymouth
Address 301 N. Plymouth Ave.
City New Plymouth State Id. Zip 83655

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.



Twp. 2 North ☒ or South ☐
Rge. 4 East ☐ or West ☒
Sec. 9 1/4 SW 1/4 NE 1/4
Gov't Lot _____ County Payette
Lat: _____ Long: _____

Address of Well Site 131 W. Myrtle
St. New Plymouth City New Plymouth
(Give at least name of road + distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☐ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other Reverse

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
<u>Benonite</u>	<u>6'</u>	<u>45'</u>	<u>6250#</u>		<u>Overbore</u>
<u>Colored. Sand</u>	<u>45'</u>	<u>85'</u>	<u>15000#</u>		

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____

Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>10"</u>	<u>2'</u>	<u>50'</u>	<u>365</u>	<u>Steel</u>	☒	☐	☒	☐
<u>10"</u>	<u>70'</u>	<u>80'</u>	<u>365</u>	<u>Steel</u>	☐	☐	☐	☐

Length of Headpipe 52' Length of Tailpipe 10'

9. PERFORATIONS/SCREENS

☐ Perforations Method _____
☒ Screens Screen Type Wire wrap Johnson

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>50'</u>	<u>70'</u>	<u>.035</u>	<u>~</u>	<u>10"</u>	<u>SS</u>	☒	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

16' ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: Baker Pitless unit

11. WELL TESTS:

☐ Pump ☐ Bailor

Yield gal./min	Drawdown	Pumping Level	Time
<u>300</u>		<u>90'</u>	<u>2 hrs.</u>

Water Temp. 59° Bottom hole temp. _____

Water Quality test or comments: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>20"</u>	<u>0</u>	<u>7</u>	<u>Top soil</u>		
	<u>7</u>	<u>15</u>	<u>Brown Clay with Ash</u>		
	<u>15</u>	<u>18</u>	<u>Med to Coarse Sand</u>		
	<u>18</u>	<u>20</u>	<u>Brown Clay & Sand</u>		
	<u>20</u>	<u>23</u>	<u>Med to Coarse Sand</u>		
	<u>23</u>	<u>32</u>	<u>Brown Clay & Clayey</u>		
	<u>32</u>	<u>41</u>	<u>Coarse to Fine Sand</u>		
	<u>41</u>	<u>48</u>	<u>Brown Clay</u>		
	<u>48</u>	<u>60</u>	<u>Med to Coarse sand & Shells</u>		
	<u>60</u>	<u>63</u>	<u>Tan Clay</u>		
	<u>63</u>	<u>71</u>	<u>Med to Coarse Sand</u>		
	<u>71</u>	<u>78</u>	<u>Tan Clay</u>		
	<u>78</u>	<u>85</u>	<u>Blue Clay</u>		

RECEIVED

DEC 12 1997

Department of Water Resources

RECEIVED

RECEIVED

DEC 10 1997

DEC 9 1997

WATER RESOURCES
WESTERN REGION

Department of Water Resources

MICROFILMED

Completed Depth 88' (Measurable)
Date: Started 11-11-97 Completed 12-2-97

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Riverside Inc. Firm No. 333

Firm Official _____ Date _____

and _____

Supervisor or Operator _____ Date 12-8-97

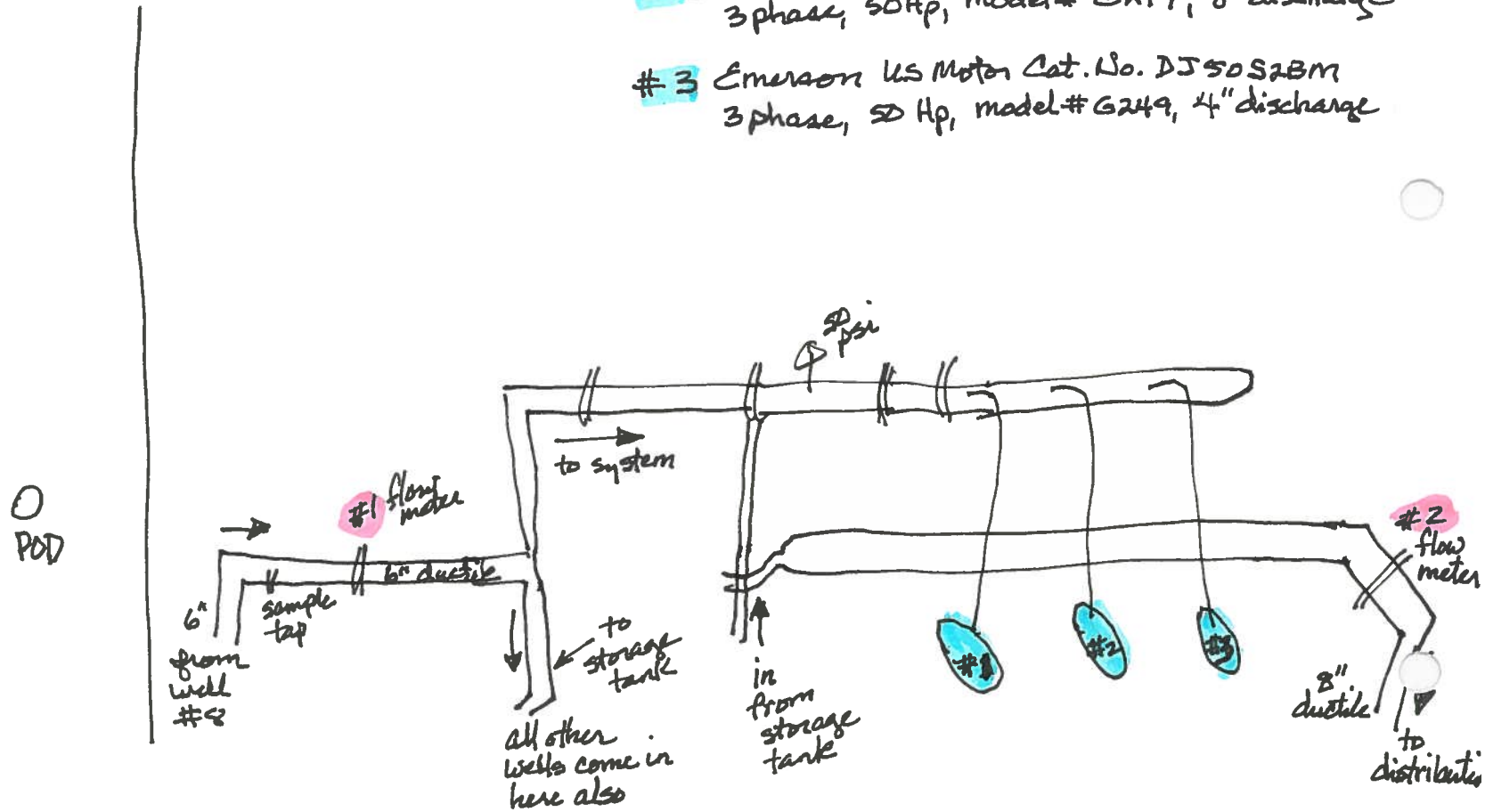
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Well # 8

Booster Pumps:

- #1 Emerson US Motor Cat. No. DJ20S1AM
3 phase, 20 Hp, model # E685A, 8" discharge
- #2 Emerson US Motor Cat. No. DJ50S2BM
3 phase, 50 Hp, model # G249, 8" discharge
- #3 Emerson US Motor Cat. No. DJ50S2BM
3 phase, 50 Hp, model # G249, 4" discharge



Flow Meters:

- #1 IN Macrometer flowmeter 6" 368-373 gpm
(.32 - .83 cfs)
X R06PA1DA25 model #,
97122582 serial #,
Cal. Coeff. 1-099; Flow Range 0-2850 USGPM
- #2 OUT Macrometer flowmeter 8" 301.77-303.52 gpm
.68 cfs * run low
to get turn over
in the storage tank
X R08TA1DA25 model #,
09022647 serial #; Cal. Coeff. 1-280;

65-13735
City of New
Plymouth
7/24/2012
S. Hemenway



PDD
D001496
well #8
10"
casing,
extends
6' above
ground
level

07/24/2012



IN
Flow Met
#-1
Mc Graw
6"

6"
ductile

07/24/2012



IN
McComet
flow
meter

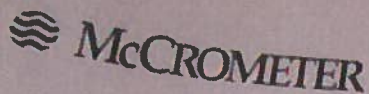


Booster
pumps
#1-3

65-13735

City of New Plymouth

S. Hemenway



3200 Wood Station Avenue
Hemet, CA 92343-7799 USA
Tel: 909 452-4531
Fax: 909 452-3078
email: info@mccrometer.com
Web Site: http://www.mccrometer.com

CERTIFICATE OF CALIBRATION

Certificate # 1997554
Calibration of MAGNETIC FLOWMETER

Make : 6" Mx
Type : XR06PA1DA25
Serial No. : 97122582
Range : 0 - 2850 USgpm

1

- REFERENCE EQUIPMENT -

Reference Converter : DCMPU
Serial No. : 95051379
Reference Meter : No 2
Check Meter : 150mm MAG#95021267

- ENVIRONMENT / PIPEWORK -

Liquid temperature : 25.0 deg.C
Upstream / Downstream ID : 150mm

Non-adherence to the above pipe ID could introduce measurement errors.

- PROCEDURE -

By reference to 100 secs

- DATE OF CALIBRATION -

Calibration performed on 18-12-97

- UNCERTAINTY OF MEASUREMENT -

Uncertainty of measurement is $\pm 0.5\%$

Calibrated by S.PILLAY

S. Pillay

Checked by J.KEOGH

J. Keogh

07/24/2012

65-13735

City of New Plymouth

S. Hemenway



Out
Flow
Meter
#2
McCrone
to the
distributors
8"

65-13735

City of New Plymouth

S. Hemerway



3255 West Marston Avenue
Hemet, CA 92343-7799 USA
Tel 909 452-4411
Fax 909 452-5078
e-mail: info@mccrometer.com
Web Site: http://www.mccrometer.com

CERTIFICATE OF CALIBRATION

Certificate # 1998588

Calibration of MAGNETIC FLOWMETER π c

Make : 8" Mx
Type : XR08PA1DA25
Serial No. : 98022647
Range : 0 - 4900 USgpm

2

- REFERENCE EQUIPMENT -

Reference Converter : DCMFU
Serial No. : 95051379
Reference Meter : No 2
Check Meter : 150mm MAG#95021267

- ENVIRONMENT / PIPEWORK -

Liquid temperature : 28.0 deg.C
Upstream / Downstream ID : 199mm

Non-adherence to the above pipe ID could introduce measurement errors.

- PROCEDURE -

By reference to 100 secs

- DATE OF CALIBRATION -

Calibration performed on 26-02-98

- UNCERTAINTY OF MEASUREMENT -

Uncertainty of measurement is $\pm 0.5 \%$

Calibrated by S.PILLAY *S.Pillay*

Checked by J.KEOGH *J.Keogh*

07/24/2012

65-13735

City of New Plymouth

S.Hemerway



3255 West Station Avenue
Hemet, CA 92343-7799 USA
Tel 909 652-6611
Fax 909 652-3078
e-mail: info@mccrometer.com
Web Site: http://www.mccrometer.com

CERTIFICATE OF CALIBRATION

Certificate #1998588

Calibration of MAGNETIC FLOWMETER for

Coil Frequency : 3.125 Hz

ZC Delay : N/A

- RESULTS -

Run No.	Actual Total litres	Actual Rate l/s	M.U.T. Total litres	Percent Error (%)
1	15267	151.3	15265	-0.02
2	7587	74.9	7588	0.01
3	7577	75.8	7577	0.00
4	3128	30.3	3130	0.06
5	15246	151.5	15249	0.01

The primary head has been calibrated against reference meters certified by Eskom at National Calibration Service approved laboratory No. 901 for the stated flow rates.

Reference Meter No.1 : 50 mm Magmeter #9404964
Certificate No. 94EC043 : Flow rate 1 l/s to 20 l/s

Reference Meter No.2 : 150 mm Magmeter #9404963
Certificate No. 94EC040 : Flow rate 20 l/s to 180 l/s

Reference Meter No.3 : 300 mm Magmeter #9404960
Certificate No. 94EC042 : Flow rate 60 l/s to 600 l/s

07/24/2012

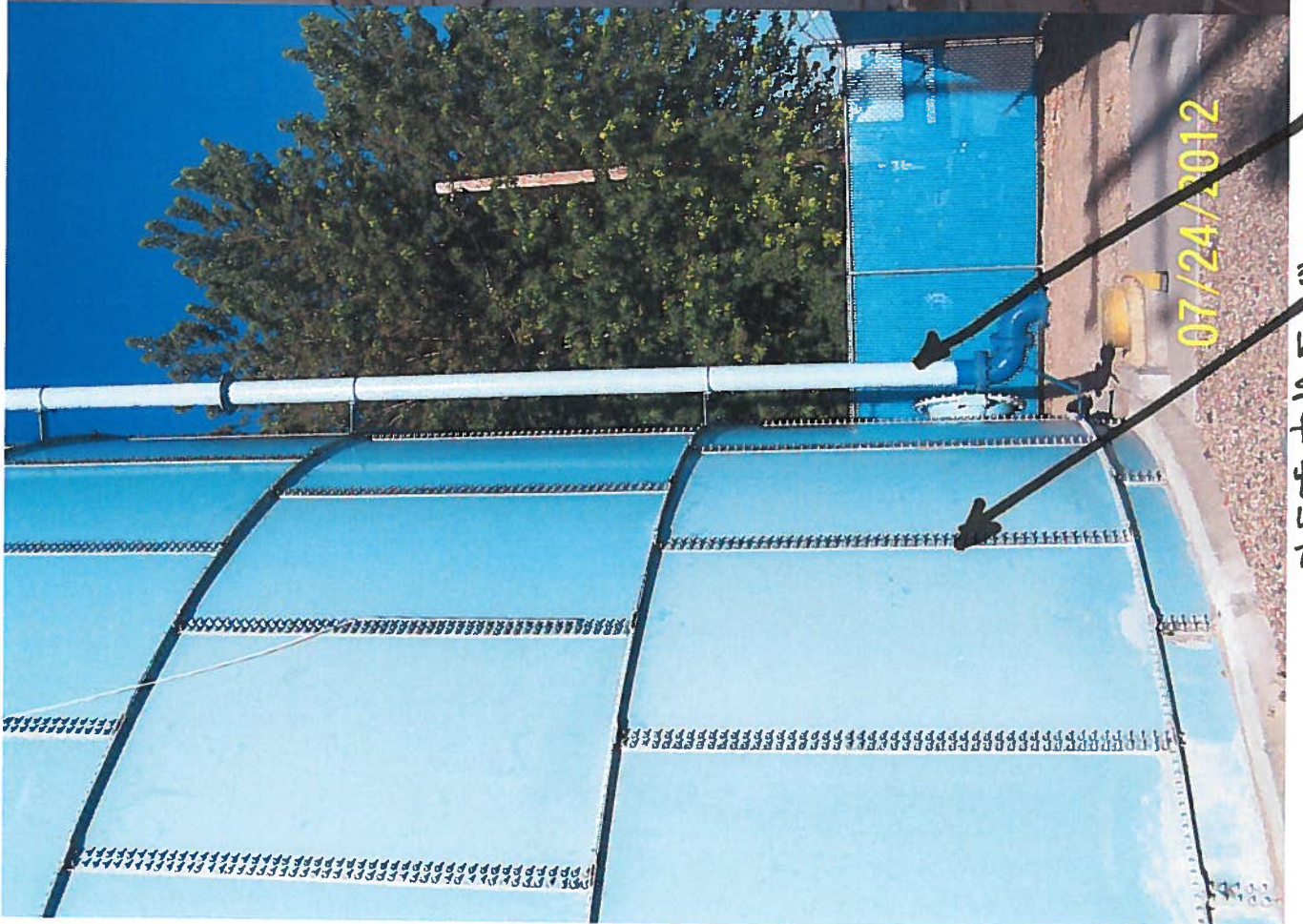
65-13735 City of New Plymouth

S. Hemerway



Arsenic
Detect
for
monitor
the
blend
prior
to
distributi

07/24/2012



6"
overflow

360,000
gallon
blending
storage
tank,
for
wells
7, 8, + 9

07/24/2012

65-13735

City of New Plymouth

S. Hemenway

NEW PLYMOUTH
RESERVOIR AND BOOSTER
PUMP STATION

PEABODY TECTANKS FOR LIQUID STORAGE

SIZE:	360,000 GAL.
DIAGRAM:	38 FEET
HEIGHT:	41 FEET
COLOR OF TANK:	LIGHT BLUE

07/24/2012

65-13735 City of New Plymouth

S. Hemenway

Directions for Removal and Reassembly of CLOW Medallion Hydrant



CLOW
Valve Division

Box 350
South 2nd Street
Oskaloosa, IA 52577

91 hydrants on the current system

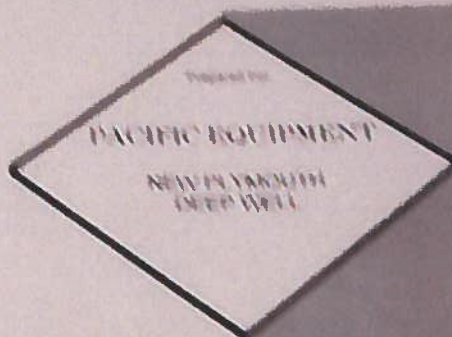
07/24/2012

65-13735

City of New Plymouth

S. Hernerway

MANUAL



PumpTech Company, Inc.

P.O. Box 51250, Idaho Falls, ID 83402 Phone (208) 520-4000 Fax (208) 520-4002

"YOUR TOTAL PUMP SUPPLIER"

07/24/2012

65-13735

City of New Plymouth

S. Hernerussay

New Plymouth
Reservoir and Booster
Pump Station

Owner: City of New Plymouth
301 New Plymouth Ave.
New Plymouth, Idaho 83655

Site Address: 131 West Myrtle Street, New Plymouth, Idaho 83655

Engineer: Holladay Engineers
PO Box 235
Payette, Idaho 83661
John Blum
642-3304

Contractor: Turn-Key, Inc.
225 SW 1st Ave. Suite 2
Ontario, Oregon 97914
Dave Erlebach
Tom Lee
889-8885

SUBCONTRACTORS:

Site Excavation:
Warrington Construction
1145 Lucky Lane
Ontario, Oregon 97914

Contact: Chelsey Warrington
Phone: 541-889-8885
Fax: 541-889-9300

Electrical:
Custom Electric
2800 West Idaho Blvd.
Emmett, Idaho 83617

Contact: Tim Vickery
Phone: 541-365-2700
Fax: 541-365-2768

Steel Tank:
A.O. Smith
2101 South 21st Street
PO Box 996
Persons, KS 67357-0996

Contact:
Phone: (800) 421-2788
Fax: (316) 421-9122

07/24/2012

65-13735 City of New Plymouth

S. Hemenway

VENDORS:

Booster Pump:

Pacific Equipment
PO Box 588
Nampa, Idaho 83651

Contact: Jeff Prior
Phone: 208-466-2823
Fax: 208-466-6939

Doors & Hardware:

ABS-Architectural Building Supply
75 West Taylor Avenue
Suite 600
Meridian, Idaho 83642

Contact: Stewart
Phone: 208-884-8917
Fax: 208-884-5641

Piping & Valves

United Filter
3338 Commercial Ct.
Meridian, Idaho 83642

Contact: Ken
Phone: 208-888-5656
Fax: 208-888-9799

07/24/2012

65-13735 City of New Plymouth

S. Hemenway



INDUSTRIAL DATA COMMUNICATIONS

USER GUIDE

SRM6000

Frequency Hopping Spread Spectrum
Radio Modem

SCADA System



OMRON



Schneider Electric



It is essential that all instructions contained in the User Guide are followed precisely to ensure proper operation of equipment.

07/24/2012

65-13735

City of New Plymouth

S. Hemerway

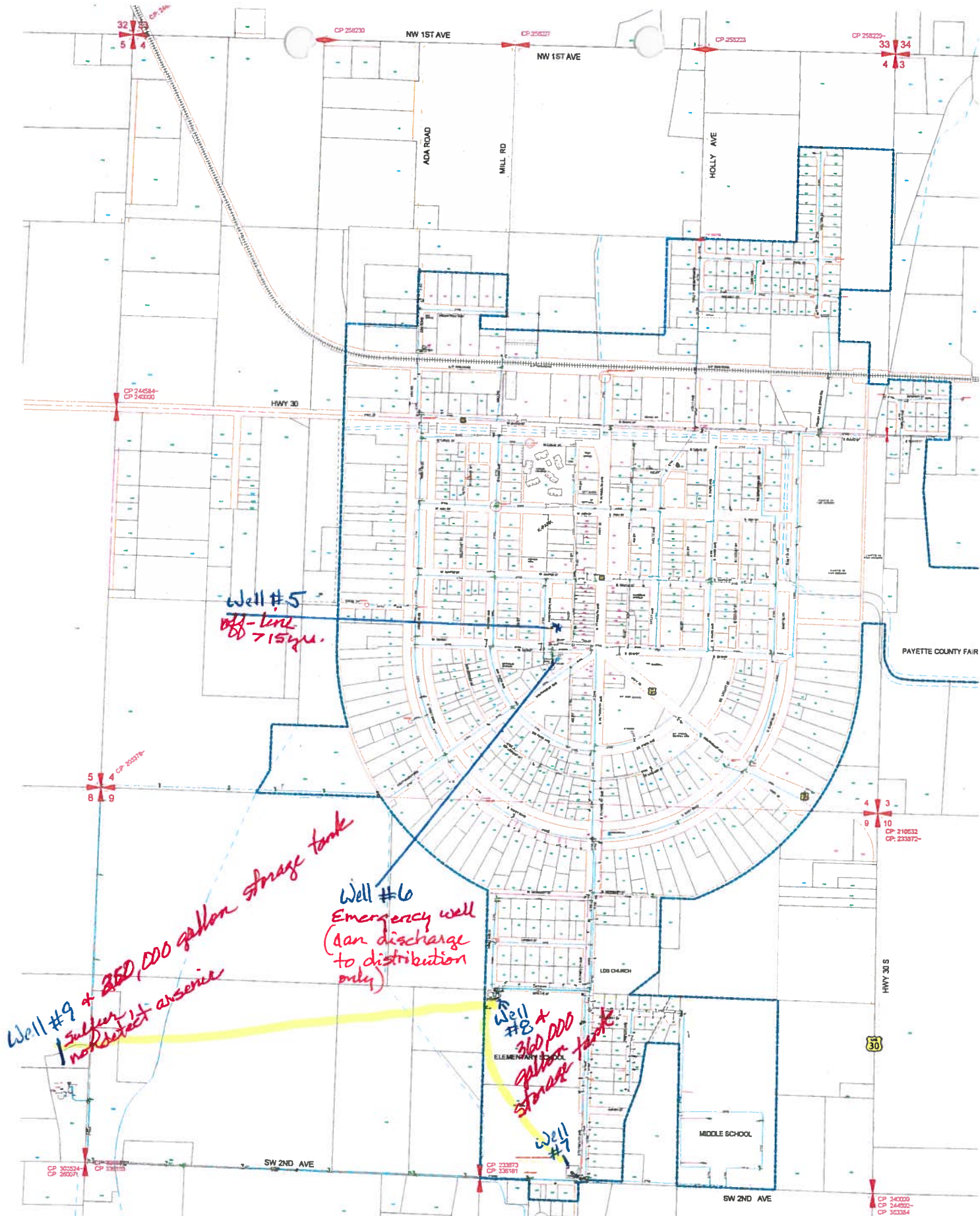


Cummins
Power
Generation
(back-up
generator)

65-13735

City of New Plymouth

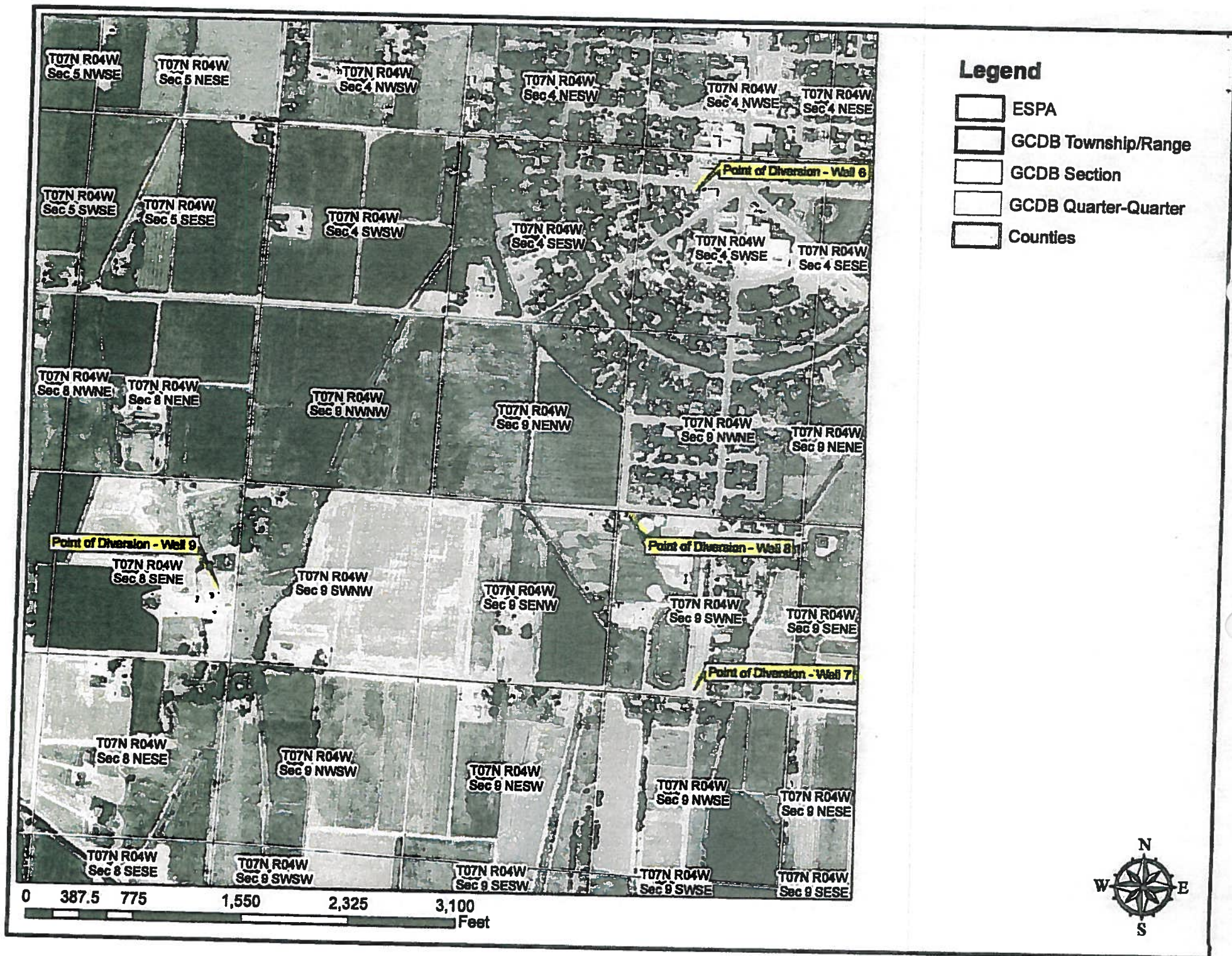
S. Hemerway



□ = well #6, 7, 8, +9 make up existing New Plymouth system

■ = well #7, 8, +9 discharge to 360,000 blending storage tank or can discharge direct to the distribution system

City of New Plymouth
1,53 Connections



WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat _____ Long _____

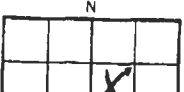
1. DRILLING PERMIT NO. 65-92-W-0389-000
Other IDWR No D0001496 W.R. 65-13735

2. OWNER:

Name City of New Plymouth
Address 301 N. Plymouth Ave.
City New Plymouth State Id. Zip 83655

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location


 Twp 7 North ☒ or South ☐
 Rge 4 East ☐ or West ☒
 Sec 9 $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$
 Gov't Lot _____ County Payette
 Lat _____ Long _____
 Address of Well Site 131 W. Myrtle
St. New Plymouth City New Plymouth
 (Give at least name of road - Distance to Road or Landmark)
 Lt _____ Blk _____ Sub Name _____

4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK check all that apply

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☐ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other Reverse

7. SEALING PROCEDURES

SEA/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Bentonite	6'	45'	6250#	Overbore
Colored. Sand #12	45'	85'	15000#	

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
10"	2	50	365	steel	☒	☐	☒	☐
10"	20'	80'	365	steel	☒	☐	☒	☐
					☐	☐	☐	☐

Length of Headpipe 52' Length of Tailpipe 10'

9. PERFORATIONS/SCREENS

☐ Perforations Method _____
☒ Screens Screen Type Wire mesh Johnson

From	To	Slot Size	Number	Diameter	Material
50'	70'	.035	~	10"	SS

Casing Liner

☒ MICROFIL ☐

☐ ☐

☐ ☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

16' ft below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft Describe access port or
control devices Water Pitless unit

11. WELL TESTS:

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
300		90'	2 hrs

Water Temp 59° Bottom hole temp _____

Water Quality test or comments _____

Depth first Water Encountered

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Riverside Inc. Firm No 333

Firm Official [Signature] Date

Supervisor or Operator [Signature] Date 12-8-99

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

WELL # 8

		well 6	well 7	well 8	well 9	Sum (1K Gal/Month	Sum Gal/month	Sum Gal/Day	Sum GPM	Sum cfs	Flow PF (3.2)	
Jan	31	0	3.5	1,691.5	1,925.8	3,620.8	3,620,800.0	116,800.0	81.111111	0.181	0.579	
Feb	28	0	276.5	1,390.9	1,518.9	3,186.3	3,186,300.0	113,796.4	79.025298	0.176	0.564	
Mar	31	0	32.6	1,647.1	1,858.8	3,538.5	3,538,500.0	114,145.2	79.267473	0.177	0.566	
Apr	30	0	118.4	2,211.0	2,460.3	4,789.7	4,789,700.0	159,656.7	110.87269	0.247	0.791	
May	31	0	476.9	3,568.8	3,953.6	7,999.3	7,999,300.0	258,041.9	179.19579	0.400	1.279	
jun	30	0	694.1	4,023.1	4,991.7	9,708.9	9,708,900.0	323,630.0	224.74306	0.501	1.604	
Jul	31	0	3,142.6	6,422.1	2,747.7	12,312.4	12,312,400.0	397,174.2	275.81541	0.615	1.968	Peak Inst.
Aug	31	0	155.3	6,752.3	4,555.8	11,463.4	11,463,400.0	369,787.1	256.79659	0.573	1.833	B.U
Sep	30	0	0.0	3,615.5	3,949.6	7,565.1	7,565,100.0	252,170.0	175.11806	0.391	1.250	
Oct	31	Invalid	1,257.9	1,744.9	1,387.3	4,390.1	4,390,100.0	141,616.1	98.344534	0.219	0.702	
Nov	30	3	325.0	1,626.6	920.4	2,875.0	2,875,000.0	95,833.3	66.550926	0.148	0.475	
Dec	31	0	136.8	1,839.8	1,110.1	3,086.7	3,086,700.0	99,571.0	69.146505	0.154	0.493	
		3	6,619.6	36,533.6	31,380.0	74,536.2						

Well 8 June

1K Gal/month	Gal/month	Gal/day	GPM	Cfs	CFS (pk)
4,023.1	4,023,100.0	134,103.3	93.127315	0.208	1.038

Pk F: 297.6 measured at 8:20 AM
3.20

Produced by: Mat Weaver

Date: 6/5/2013

For: City of New Plymouth 65-13735, and 65-23263

**Report for Permit to Appropriate Water No. 65-23263
City of New Plymouth**

+ 65-13735 (well #8)

As required by Condition of Approval, Item 9, in the City's Permit to Appropriate Water No. 65-23623, this document is a report that will be submitted with the proof of beneficial use (Statement of Completion for Submitting Proof of Beneficial Use, Form No. 217 11/09).

This permit is associated with the City's municipal Well 9 (MW9), which was drilled, completed, and tested during the spring of 2009. The City began using Well 9 for regular production in April 2010, following completion of the City's water system improvement project and final project approval by Idaho DEQ.

Well 9 (Permit No. 65-23623)

2010 Total Annual Volume = 24,632,200 gallons (partial year, April – December)

2011 Total Annual Volume = 32,916,100 gallons

2012 Total Annual Volume = 31,379,900 gallons

Maximum Daily Volume = 354,000 gallons (August 15, 2012)

Maximum Instantaneous Rate of Flow = 449 gpm (1.00 cfs) (pump capable of >1.00 cfs, but controlled by VFD through computerized control system to not exceed 1.00 cfs)

Entire City of New Plymouth Municipal Water System

Maximum Instantaneous Rate of Diversion for Entire City of New Plymouth Municipal Water System = 1,548 gpm (3.45 cfs)*

*(150 gpm from Well 6, 449 gpm from Well 7, 500 gpm from Well 8, and 449 gpm from Well 9)

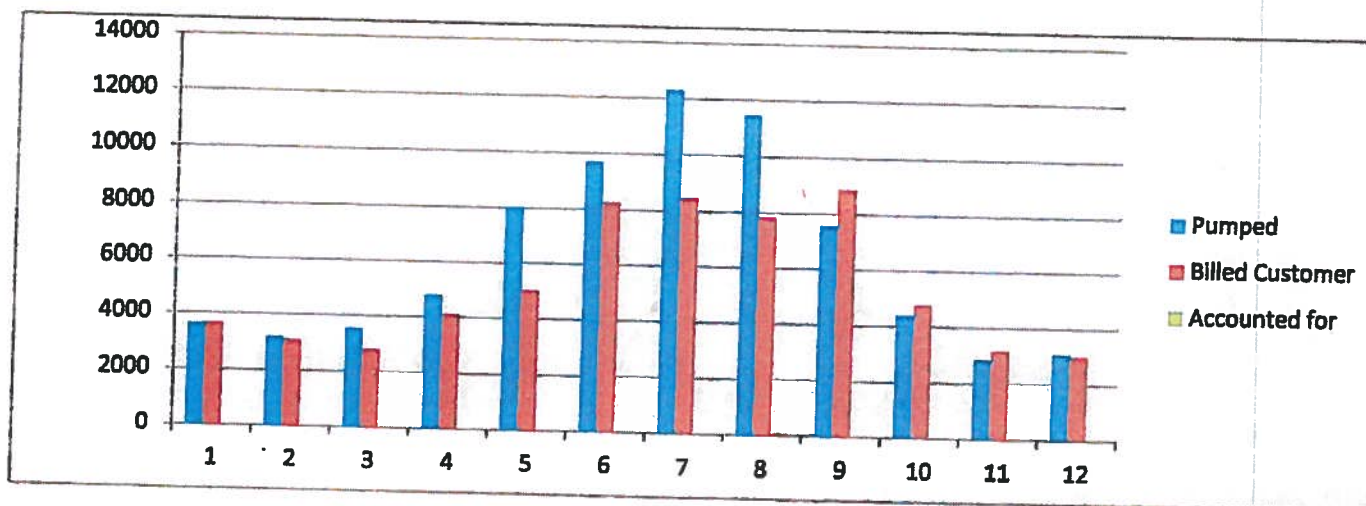
Water diverted under Permit No. 65-23623 provides an additional increment of beneficial use of water for the City of New Plymouth municipal water system by providing a source of water with low arsenic concentrations for blending with the higher arsenic concentration water from the City's other wells. This blending is performed in dedicated transmission pipelines and the City's storage tanks to meet the arsenic maximum contaminant level (MCL) required by the Safe Drinking Water Act. The arsenic blending program is designed and operated in accordance with EPA and DEQ guidelines and requirements. Well 9, through Permit No. 65-23623, must be operated when any of the City's other wells are supplying water in order to meet the blending ratio requirements and to keep the arsenic concentrations in the water delivered to the distribution system below 10 micrograms per liter ($\mu\text{g/L}$). In addition, Permit No. 65-23623 provides the City with additional water to supply a portion of the City's peak needed fire flow value of 4,000 gpm (8.9 cfs). During an extended fire flow event, all City wells would likely be turned on to meet system demands.

City of New Plymouth

Yearly Water Audit Records 1000's Gallons

2012

Month	Year	Well #6	Well #7	Well #8	Well #9	Pumped	Billed Customer	Billed Other	Percent Loss
January	2012	0	3.5	1691.5	1925.84	3620.84	3653.774	0.03	-0.91%
Feburary	2012	0	276.5	1390.9	1518.89	3186.29	3090.742	0	3.00%
March	2012	0	32.6	1647.1	1858.8	3538.5	2809.673	0.716	20.58%
Aprll	2012	0	118.4	2211	2460.34	4789.74	4102.12	8.516	14.18%
May	2012	0	476.9	3568.8	3953.56	7999.26	5045.809	3.246	36.88%
June	2012	0	694.1	4023.1	4991.7	9708.9	8279.93	15.312	14.56%
July	2012	0	3142.6	6422.1	2747.68	12312.38	8472.339	15.055	31.07%
August	2012	0	155.3	6752.3	4555.81	11463.41	7852.012	50.529	31.06%
September	2012	0	0	3615.5	3949.6	7565.1	8891.072	9.691	-17.66%
October	2012	Invalid	1257.9	1744.9	1387.25	4390.05	4789.623	2.7	-9.16%
November	2012	3	325	1626.6	920.35	2874.95	3179.46	6.8	-10.83%
December	2012	0	136.8	1839.8	1110.09	3086.69	3003.557	6.7	2.48%
Total		3	6619.6	36533.6	31379.91	74536.11	63170.111	119.295	15.09%



*12AM 1st day of month - 12PM last day of month = 1 month

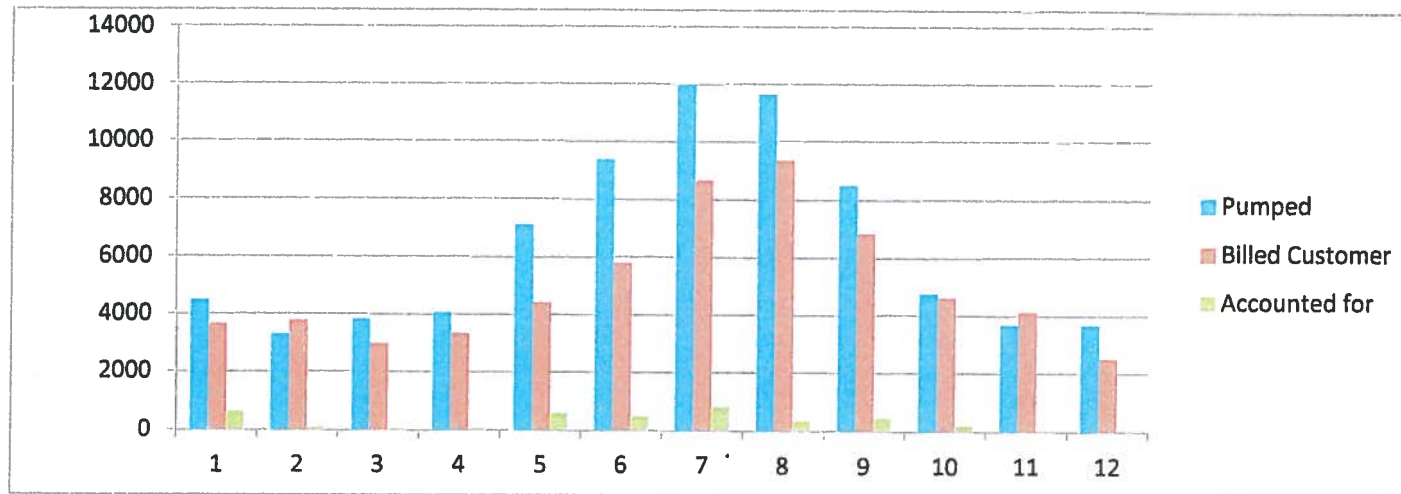
* If sold more than pumped it is due to meter read dates

City of New Plymouth

Yearly Water Audit Records 1000's Gallons

2011

Month	Year	Well #6	Well #7	Well #8	Well #9	Pumped	Billed Customer	Billed Other	Percent Loss
January	2011	0	133.1	2125.7	2232.66	4491.46	3675.011	647	3.77%
Feburary	2011	0	390.8	1408.7	1533.88	3333.38	3799.684	121	-17.62%
March	2011	0	534	1638.2	1670.99	3843.19	2988.368	68	20.47%
April	2011	0	238.8	1883.9	1942.96	4065.66	3347.556	95.28	15.32%
May	2011	0	49.2	3453	3617.77	7119.97	4429.358	623.481	29.03%
June	2011	0	1038.8	4164.3	4175.29	9378.39	5812.445	513.521	32.55%
July	2011	0	2857.9	4559.1	4575.33	11992.33	8675.948	838.462	20.66%
August	2011	0	3046.3	4262.6	4371.04	11679.94	9375.611	357.152	16.67%
September	2011	0	900.7	3774.8	3816.32	8491.82	6844.398	470.152	13.86%
October	2011	0	2184.3	1260.3	1309.99	4754.59	4618.629	238	-2.15%
November	2011	0	9.6	1822.2	1857.38	3689.18	4115.112	76	-13.61%
December	2011	0	77.8	1791.3	1812.5	3681.6	2482.557	52	31.16%
Total		0	11461.3	32144.1	32916.11	76521.51	60164.677	4100.048	16.02%



*12AM 1st day of month - 12PM last day of month = 1 month

* If sold more than pumped it is due to meter read dates

City of New Plymouth

Well Report

December-12

Daily / Monthly

Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	1.199	0	6.1	3.403	0	62.6	0	0	0
2	0	0	0	0	0	0	3.804	1	71.4	8.208	1	154.86
3	0	0	0	15.297	1	106.3	0	0	0	0	0	0
4	0	0	0	3.899	1	24.4	3.803	1	69.8	0	0	0
5	0	0	0	0	0	0	3.904	1	73.4	3.303	1	51.02
6	0	0	0	0	0	0	2.803	1	51.6	0	0	0
7	0	0	0	0	0	0	1.101	0	19.9	0	0	0
8	0	0	0	0	0	0	3.704	1	69.5	0	0	0
9	0	0	0	0	0	0	4.404	1	81.6	8.208	1	155.51
10	0	0	0	0	0	0	4.104	1	76.1	0	0	0
11	0	0	0	0	0	0	3.904	1	72	0	0	0
12	0	0	0	0	0	0	0.1	0	1.4	0	0	0
13	0	0	0	0	0	0	3.603	1	66.8	0	0	0
14	0	0	0	0	0	0	4.104	1	77.6	8.709	1	163.61
15	0	0	0	0	0	0	4.204	1	76.7	0	0	0
16	0	0	0	0	0	0	4.004	1	76	0	0	0
17	0	0	0	0	0	0	0.901	1	16.3	0	0	0
18	0	0	0	0	0	0	2.803	0	51.7	0	0	0
19	0	0	0	0	0	0	4.204	1	78.3	8.908	1	166.56
20	0	0	0	0	0	0	4.304	1	78.7	0	0	0
21	0	0	0	0	0	0	4.104	1	75.8	0	0	0
22	0	0	0	0	0	0	3.504	1	64.8	0	0	0
23	0	0	0	0	0	0	0.5	0	9.7	6.907	1	128.89
24	0	0	0	0	0	0	3.604	1	67	0	0	0
25	0	0	0	0	0	0	3.703	1	69.4	0	0	0
26	0	0	0	0	0	0	4.204	1	77.5	0	0	0
27	0	0	0	0	0	0	3.904	1	72.6	8.508	1	159.74
28	0	0	0	0	0	0	4.304	1	80	0	0	0
29	0	0	0	0	0	0	4.204	1	77.1	0	0	0
30	0	0	0	0	0	0	4.004	1	74.5	0.301	1	7.37
31	0	0	0	0	0	0	0	0	0	6.606	0	122.53
Month	0	0	0	20.395	2	136.8	99.196	24	1839.8	59.658	8	1110.09

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

pumped to the 30,000 gallon storage tank, then discharged to the distribution system.

Emergency well discharges directly to distribution; it is serviced 2-3 days/yr. per Beau Ziemer

City of New Plymouth

Well Report

November-12

Daily / Monthly

Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	0.6	0	10	0	0	0
2	0	0	0	0	0	0	3.604	1	67.1	0	0	0
3	0	0	0	0	0	0	3.804	1	70.7	13.413	1	153.46
4	0	0	0	0	0	0	4.304	1	80.8	0	0	0
5	0	0	0	0	0	0	4.104	1	74.7	8.608	1	92.09
6	0	0	0	0	0	0	4.004	1	74.3	0	0	0
7	0	0	0	0	0	0	4.104	1	76.5	4.905	1	57.3
8	0	0	0	0	0	0	3.904	1	73.4	3.403	0	31.7
9	0	0	0	0	0	0	0.4	1	6.3	0	0	0
10	0	0	0	0	0	0	3.203	0	59.8	7.808	1	81.61
11	0	0	0	0	0	0	5.505	1	102.7	0	0	0
12	0	0	0	0	0	0	2.503	1	46.4	1.902	1	26.32
13	0.9	0	3	0.5	1	0	3.003	1	50.6	9.709	2	96.11
14	0	0	0	1.4	1	19.9	3.904	1	73	0	0	0
15	0	0	0	2.899	1	18.3	3.703	1	68.3	0	0	0
16	0.1	0	0	1.4	1	7.4	3.103	1	57.7	4.004	3	75.75
17	0	0	0	0	0	0	0.501	0	8.6	0	0	0
18	0	0	0	1.299	1	6.8	3.403	1	63.1	0	0	0
19	0	0	0	0	0	0	3.604	1	67.6	0	0	0
20	0	0	0	1.3	1	7.4	3.803	1	70.5	7.908	1	149.09
21	0	0	0	0	0	0	4.104	1	76.3	0	0	0
22	0	0	0	0	0	0	4.004	1	73.8	0	0	0
23	0	0	0	1.3	1	6.9	1.902	1	35.7	0	0	0
24	0	0	0	0	0	0	1.602	0	29.7	0	0	0
25	0	0	0	0	0	0	3.603	1	66.6	8.308	1	156.92
26	0	0	0	17.196	1	119.2	0	0	0	0	0	0
27	0	0	0	13.296	1	93	0	0	0	0	0	0
28	0	0	0	5.999	1	39	3.804	1	70	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	1.199	1	6.2	3.403	1	62.9	0	0	0
Month	1	0	3	47.788	11	324.1	87.485	23	1617.1	69.968	12	920.35

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth												
Well Report												
October-12						Daily / Monthly						
Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	4.504	1	69.2	0	0	0
2	0	0	0	0	0	0	9.509	2	145.8	5.706	1	157.74
3	0	0	0	0	0	0	0.601	1	9.3	5.505	3	153.1
4	0	0	0	0	0	0	8.408	1	133.5	5.606	1	155.96
5	0	0	0	0	0	0	4.504	1	69.2	0	0	0
6	0	0	0	0	0	0	4.605	1	72	5.505	1	153.21
7	0	0	0	0	0	0	4.404	1	71.7	0	0	0
8	0.7	0	2E+06	0	0	0	4.605	3	72.5	5.505	4	152.92
9	0.5	0	2	0.6	2	0	4.604	1	71.8	2.903	3	79.12
10	0	0	0	10.697	2	77.9	4.505	1	70.1	0	0	0
11	0	0	0	0	0	0	4.204	1	91.2	4.705	1	130.5
12	0	0	0	19.595	1	151.4	0	0	0	0	0	0
13	0	0	0	23.995	0	181.9	0	0	0	0	0	0
14	0	0	0	2.599	1	17.1	4.104	1	93.4	0	0	0
15	0	0	0	0.5	2	4.1	4.104	1	95	3.303	1	93.82
16	0	0	0	1.4	1	8.7	3.803	1	87.8	0	0	0
17	0	0	0	9.697	1	74.5	0	0	0	0.4	4	1.97
18	0	0	0	16.196	1	119.8	0	0	0	0	0	0
19	0	0	0	15.596	1	116.8	0	0	0	0	0	0
20	0	0	0	14.697	1	110.5	0	0	0	0	0	0
21	0	0	0	14.996	1	113.1	0	0	0	0	0	0
22	0	0	0	16.496	1	117.2	0	0	0	0	0	0
23	0	0	0	4.899	0	33.2	3.404	1	77.8	7.308	2	73.69
24	0	0	0	1.5	1	9.2	3.903	1	90.4	0	0	0
25	0	0	0	12.197	1	85.1	0	0	0	0	0	0
26	0	0	0	5.398	1	37.4	4.205	1	96.3	0	0	0
27	0	0	0	0	0	0	4.003	1	74.2	2.702	1	36.61
28	0	0	0	0	0	0	1.402	1	26.6	9.009	0	97.1
29	0	0	0	0	0	0	2.202	0	41.7	0	0	0
30	0	0	0	0	0	0	3.604	1	67	3.604	1	100.94
31	0	0	0	0	0	0	6.406	2	118.4	0	0	0
Month	1.2	0	2E+06	171.058	18	1257.9	95.593	25	1744.9	61.761	25	1387.25

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

Runtime but No Starts?

City of New Plymouth

Well Report

September-12

Daily / Monthly

Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	9.91	1	157.2	6.206	1	172.82
2	0	0	0	0	0	0	7.707	2	118	0.6	1	16.4
3	0	0	0	0	0	0	8.008	1	125	5.506	0	155.18
4	0	0	0	0	0	0	11.611	2	183.6	6.706	1	185.29
5	0	0	0	0	0	0	9.51	2	145.5	7.307	1	203.31
6	0	0	0	0	0	0	8.908	2	137	3.504	1	96.95
7	0	0	0	0	0	0	9.81	1	154.8	6.907	1	193.67
8	0	0	0	0	0	0	10.11	2	158.4	7.006	1	195.35
9	0	0	0	0	0	0	5.205	1	81.7	5.706	1	158.45
10	0	0	0	0	0	0	11.411	2	177	5.005	1	137.83
11	0	0	0	0	0	0	9.009	2	140.7	4.004	1	111.04
12	0	0	0	0	0	0	8.408	2	132.3	4.704	0	132.31
13	0	0	0	0	0	0	9.91	1	153.5	6.907	1	190.59
14	0	0	0	0	0	0	8.508	2	133.4	6.707	1	188.29
15	0	0	0	0	0	0	6.406	1	100.2	5.505	1	153.08
16	0	0	0	0	0	0	4.605	1	71.5	0	0	0
17	0	0	0	0	0	0	9.909	4	153.2	5.906	3	164.7
18	0	0	0	0	0	0	8.609	2	131	6.907	1	191.63
19	0	0	0	0	0	0	8.108	1	128.3	6.306	1	173.94
20	0	0	0	0	0	0	11.911	2	185.3	6.206	1	173.09
21	0	0	0	0	0	0	4.705	1	71.6	1.001	0	29.44
22	0	0	0	0	0	0	8.408	2	131.6	5.505	1	153.3
23	0	0	0	0	0	0	4.204	1	63.6	2.402	1	66.08
24	0	0	0	0	0	0	4.605	1	72.1	2.703	0	75.52
25	0	0	0	0	0	0	4.404	1	67.6	5.505	1	152.89
26	0	0	0	0	0	0	3.303	2	51.6	0.201	166	3.61
27	0	0	0	0	0	0	10.41	1	164.1	5.605	2	156.33
28	0	0	0	0	0	0	4.405	1	69.3	5.305	1	146.67
29	0	0	0	0	0	0	5.005	1	77.5	0	0	0
30	0	0	0	0	0	0	5.105	1	78.9	6.106	1	171.84
31	0	0	0	0	0	0	0	0	0	0	0	0
Month	0	0	0	0	0	0	232.127	46	3615.5	141.938	192	3949.6

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth

Well Report

August-12

Daily / Monthly

Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	1.299	1	20.1	18.418	1	419.7	5.105	1	71.79
2	0	0	0	0	0	0	18.118	1	410	0	0	0
3	0	0	0	1.9	1	26.6	18.017	1	404.4	0	0	0
4	0	0	0	1.299	2	19.8	15.716	1	354	0	0	0
5	0	0	0	0	0	0	16.215	1	367.2	0	0	0
6	0	0	0	1.6	1	23.1	17.818	1	401.7	0.2	3	1.78
7	0	0	0	1.5	1	22.4	16.716	1	381.3	0	2	0.36
8	0	0	0	2.899	1	43.3	8.308	4	139	7.908	2	219.47
9	0	0	0	0	0	0	10.611	3	165.8	5.405	1	151.13
10	0	0	0	0	0	0	12.812	4	199.1	8.108	1	224.25
11	0	0	0	0	0	0	10.71	4	162.9	7.608	1	213.52
12	0	0	0	0	0	0	10.811	2	167.9	7.007	1	194.91
13	0	0	0	0	0	0	11.711	5	181.4	4.704	1	129.77
14	0	0	0	0	0	0	11.412	3	176.5	5.406	1	151.3
15	0	0	0	0	0	0	14.514	5	230.1	12.712	1	353.77
16	0	0	0	0	0	0	11.411	12	183.5	4.805	1	130.85
17	0	0	0	0	0	0	9.609	9	150.6	7.507	1	208.58
18	0	0	0	0	0	0	9.109	3	142.7	6.606	1	184.27
19	0	0	0	0	0	0	11.111	4	170.1	6.307	1	175.17
20	0	0	0	0	0	0	11.211	3	173.7	4.604	1	128.97
21	0	0	0	0	0	0	11.311	2	176	6.306	1	174.36
22	0	0	0	0	0	0	11.211	2	174	6.707	1	186.23
23	0	0	0	0	0	0	11.511	2	177	6.506	1	179.99
24	0	0	0	0	0	0	8.909	1	137.4	6.306	0	176.74
25	0	0	0	0	0	0	11.011	2	172.2	6.306	1	174.18
26	0	0	0	0	0	0	10.31	2	161.2	7.508	1	208.09
27	0	0	0	0	0	0	9.909	2	156.3	7.107	1	198.8
28	0	0	0	0	0	0	9.81	2	147.8	7.006	1	195.41
29	0	0	0	0	0	0	9.709	1	151.8	6.507	1	180.62
30	0	0	0	0	0	0	13.514	2	212.3	4.204	1	117.75
31	0	0	0	0	0	0	6.706	2	104.7	8.108	1	223.75
Month	0	0	0	10.497	7	155.3	378.269	88	6752.3	166.563	30	4555.81

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth

Well Report

July-12

Daily / Monthly

Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0.7	1	11.1	6.807	2	127.8	5.205	1	144.93
2	0	0	0	1.399	2	22.8	8.008	6	149.8	8.508	3	236.12
3	0	0	0	1.7	2	24.8	9.609	3	190	5.305	1	147.27
4	0	0	0	0.8	1	13.8	7.808	6	148.6	5.506	1	154.71
5	0	0	0	1.599	2	25.3	11.811	2	231.2	10.11	2	279.23
6	0	0	0	1.5	2	22.9	9.009	5	172.9	8.608	1	239.82
7	0	0	0	1.599	2	24.4	9.509	6	182.6	5.405	1	150.77
8	0	0	0	1.6	2	25.5	7.508	3	144	5.506	1	151.86
9	0	0	0	4.699	2	79	7.107	3	135.3	8.808	3	243.32
10	0	0	0	10.297	1	176	7.807	3	148.7	3.604	1	100.68
11	0	0	0	5.299	2	93.5	8.509	6	161.4	7.107	1	195.98
12	0	0	0	2.999	2	50.8	8.608	15	159.3	8.708	1	242.74
13	0	0	0	20.895	1	376.7	2.102	7	37.6	0	0	0
14	0	0	0	1.8	2	28	8.008	17	146.9	5.505	1	151.6
15	0	0	0	1.499	2	23.5	6.907	9	127.1	4.905	1	137.9
16	0	0	0	8.198	2	139.8	3.503	3	64	6.206	2	170.68
17	0	0	0	23.995	0	429.3	0	0	0	0	0	0
18	0	0	0	21.094	1	373.3	0	0	0	0	0	0
19	0	0	0	23.995	0	441	0	0	0	0	0	0
20	0	0	0	9.697	0	171.8	15.515	2	359.2	0	0	0
21	0	0	0	2.5	2	37.9	11.612	1	269	0	0	0
22	0	0	0	11.997	0	186	9.909	1	229.5	0	0	0
23	0	0	0	1.499	2	21.8	18.518	1	428.3	0	0	0
24	0	0	0	1.7	1	24.9	17.718	1	405.9	0	0	0
25	0	0	0	0.9	1	13.5	12.211	2	276.7	0	0	0
26	0	0	0	1.999	1	28.9	17.317	1	396.8	0	0	0
27	0	0	0	1.4	2	19.9	17.017	1	391	0	0	0
28	0	0	0	12.797	1	189.5	6.807	0	157.6	0	0	0
29	0	0	0	1.199	1	17.5	14.914	2	342.7	0	0	0
30	0	0	0	1.7	1	25.5	18.618	4	424.2	0	0	0
31	0	0	0	1.6	1	23.9	18.118	1	414	0	1	0.07
Month	0	0	0	184.655	42	3142.6	300.894	113	6422.1	98.996	22	2747.68

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth												
Well Report												
June-12						Daily / Monthly						
Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0.6998	1	10.4	6.606	4	129.2	6.206	1	173.03
2	0	0	0	0	0	0	6.807	4	136.5	5.406	1	148.36
3	0	0	0	0.5999	1	9.5	6.506	2	130.3	5.105	1	142.52
4	0	0	0	4.7988	1	83.6	6.907	4	138	4.704	4	132.47
5	0	0	0	0	0	0	6.707	5	132	5.906	1	163.27
6	0	0	0	0	0	0	6.706	2	133	4.404	1	122.37
7	0	0	0	0	0	0	6.606	2	132.3	6.006	1	166.65
8	0	0	0	0	0	0	6.407	2	129.7	4.204	1	116.37
9	0	0	0	0	0	0	2.903	1	57.2	0.901	0	24.73
10	0	0	0	0	0	0	6.606	2	129.4	4.505	1	124.94
11	0	0	0	0.7998	1	11.1	8.308	3	165.8	8.308	3	233.12
12	0	0	0	1.4998	2	23.5	8.408	2	168	5.205	1	142.94
13	0	0	0	0.7	1	10.3	7.107	2	141.9	5.105	1	142.23
14	0	0	0	1.399	2	23.4	6.607	7	127.5	5.305	1	148.23
15	0	0	0	0.8	1	11	6.706	9	129.6	5.105	1	141.82
16	0	0	0	0.7	1	11.4	7.808	11	149.9	5.305	1	147.92
17	0	0	0	0.6	1	10.5	6.606	8	129.3	5.505	1	152.53
18	0	0	0	2.099	3	32.7	7.107	7	134.7	7.508	3	210.2
19	0	0	0	0	0	0	1.802	0	36.7	13.713	1	381.52
20	0	0	0	3.599	2	56.8	3.704	3	69.1	8.108	0	197.89
21	0	0	0	11.698	2	204.3	6.906	4	130	5.706	1	157.19
22	0	0	0	3.999	1	69	3.904	5	74.8	5.805	1	160.84
23	0	0	0	1.499	2	23.9	10.31	17	192.3	5.506	1	152.22
24	0	0	0	0.7	1	11.8	6.707	9	126.7	5.005	1	140.97
25	0	0	0	0.9	1	13.2	8.108	3	158.5	5.104	1	141.97
26	0	0	0	0.8	1	12.4	7.507	6	146.3	8.809	2	238.52
27	0	0	0	0.999	1	15.1	10.71	4	204.4	8.108	2	225.63
28	0	0	0	0.7	1	12.3	7.408	4	141.8	8.809	1	243.93
29	0	0	0	1.7	2	25.7	11.211	8	213.8	5.805	1	163.62
30	0	0	0	0.8	1	12.2	7.006	2	134.4	5.606	1	153.7
31	0	0	0	0	0	0	0	0	0	0	0	0
Month	0	0	0	42.0901	30	694.1	206.701	142	4023.1	180.777	37	4991.7

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth

Well Report

May-12

Daily / Monthly

Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	5.805	2	116	4.505	1	124.56
2	0	0	0	0	0	0	3.003	1	60.3	4.604	1	130.2
3	0	0	0	0	0	0	5.305	3	104.7	0	0	0
4	0	0	0	0	0	0	3.604	4	69.4	4.605	1	126.27
5	0	0	0	0	0	0	2.803	1	57.6	4.604	1	127.3
6	0	0	0	0	0	0	3.002	1	59	0	0	0
7	0	0	0	0	0	0	6.707	4	132.6	6.106	3	171.4
8	0	0	0	0.7998	1	12.4	6.506	3	131.6	4.605	1	126.76
9	0	0	0	0.7998	1	11	6.507	8	124.9	3.803	1	107.05
10	0	0	0	0.7998	1	3.7	6.606	6	127.4	4.305	1	119.83
11	0	0	0	0.4999	1	7.1	3.604	2	71.5	4.004	0	111.07
12	0	0	0	0	0	0	6.206	11	119	5.004	1	136.43
13	0	0	0	0	0	0	6.306	3	126.5	4.905	1	137.36
14	0	0	0	1.0997	2	13.2	7.407	4	147.2	5.506	1	152.42
15	0	0	0	0.7998	1	11.9	7.407	2	149.1	6.005	1	166.08
16	0	0	0	0	0	0	7.307	3	145.6	5.706	1	158.22
17	0	0	0	0	0	0	6.807	5	134.9	5.906	1	163.67
18	0	0	0	0.7999	1	11.1	6.206	3	123.3	5.005	1	140.3
19	0	0	0	0.6998	1	10.9	6.607	5	128.7	4.904	1	135.64
20	0	0	0	0	0	0	6.606	3	134	5.005	1	137.41
21	0	0	0	0.6998	1	10.9	6.907	2	137.8	8.208	5	228.65
22	0	0	0	1.4996	2	22.2	6.006	3	119.6	4.805	1	131.46
23	0	0	0	4.5989	3	77.4	6.606	5	129.3	1.802	1	51.27
24	0	0	0	0	0	0	6.607	4	131.8	7.007	1	195.66
25	0	0	0	0.5999	1	9.9	2.602	2	51.6	1.601	0	43.18
26	0	0	0	0.7998	1	11	5.806	3	114.6	4.505	1	124.68
27	0	0	0	0	0	0	2.903	1	59.3	4.404	1	124.27
28	0	0	0	4.2989	1	75.3	7.307	3	144.7	3.904	1	107.73
29	0	0	0	1.5996	2	24	6.806	3	136.8	7.207	1	198.71
30	0	0	0	3.5992	1	62	7.007	3	140.3	5.405	1	152.17
31	0	0	0	5.9985	2	102.9	7.007	2	139.7	4.504	1	123.81
Month	0	0	0	29.9927	23	476.9	179.875	105	3568.8	142.439	33	3953.56

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth												
Well Report												
April-12						Daily / Monthly						
Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	3.804	1	77.3	3.103	1	86.34
2	0	0	0	0	0	0	2.903	1	57.5	3.103	0	85.75
3	0	0	0	0	0	0	2.803	2	56.7	0.801	1	22.54
4	0	0	0	0	0	0	2.702	1	53.7	3.904	0	108.43
5	0	0	0	0.8998	1	13.9	2.302	1	46.1	0	0	0
6	0	0	0	0	0	0	3.204	1	63	3.903	1	108.39
7	0	0	0	0	0	0	2.802	3	56.3	2.503	0	69.04
8	0	0	0	0	0	0	2.903	2	57.5	4.504	1	126
9	0	0	0	0	0	0	2.903	1	58.4	0	0	0
10	0	0	0	0	0	0	3.003	2	57.7	4.605	1	128.47
11	0	0	0	0	0	0	3.003	1	59.5	0	0	0
12	0	0	0	0	0	0	5.605	4	110.8	4.504	1	124.67
13	0	0	0	0.6998	1	9.3	2.503	1	52	4.304	1	120.07
14	0	0	0	0	0	0	3.103	1	61.4	0	0	0
15	0	0	0	0	0	0	4.304	3	84.8	4.905	1	134.28
16	0	0	0	0	0	0	4.404	1	88.9	2.302	1	65.22
17	0	0	0	0	0	0	2.903	1	57.2	2.102	0	58.25
18	0	0	0	0	0	0	2.703	1	55.8	4.405	1	123.92
19	0	0	0	0.5999	1	9.7	4.204	2	82.7	0	0	0
20	0	0	0	0.6998	1	11	3.803	1	76.5	6.306	1	173.41
21	0	0	0	0	0	0	4.004	3	79.3	0	0	0
22	0	0	0	0	0	0	5.406	1	107.7	4.604	1	128.51
23	0	0	0	2.7993	2	45.2	3.003	1	61.5	5.105	1	142.63
24	0	0	0	1.4996	2	22.6	5.805	2	114.1	4.605	1	126.18
25	0	0	0	0.4999	1	6.7	7.207	6	141.6	5.005	1	139.44
26	0	0	0	0	0	0	5.305	1	106.8	4.905	1	135.45
27	0	0	0	0	0	0	2.903	2	56.1	0	0	0
28	0	0	0	0	0	0	5.706	3	113.1	4.504	1	124.63
29	0	0	0	0	0	0	3.003	1	60.5	4.604	1	128.72
30	0	0	0	0	0	0	2.803	1	56.5	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
Month	0	0	0	7.6981	9	118.4	111.009	52	2211	88.586	18	2460.34

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth

Well Report

March-12

Daily / Monthly

Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	2.703	3	52.6	4.004	0	112.37
2	0	0	0	0.8998	1	3.2	2.702	2	52.6	0	0	0
3	0	0	0	0	0	0	2.803	3	54.4	5.505	1	152.77
4	0	0	0	0	0	0	2.903	3	57.1	1.001	0	26.64
5	0	0	0	0	0	0	2.903	4	56.9	4.605	1	127.95
6	0	0	0	0	0	0	2.903	2	56.6	0	0	0
7	0	0	0	0	0	0	2.802	5	54.6	4.104	1	115.83
8	0	0	0	0	0	0	2.903	5	55.1	0.4	0	9.77
9	0	0	0	0	0	0	2.803	3	55.3	1.602	1	45.16
10	0	0	0	0	0	0	2.903	5	53.8	2.802	0	79.54
11	0	0	0	0	0	0	2.803	4	54.4	2.503	1	67.09
12	0	0	0	0.4999	1	8	2.402	4	47.2	1.902	0	54.81
13	0	0	0	0	0	0	3.103	7	58.2	0	0	0
14	0	0	0	0	1	0	2.903	4	56	6.706	2	185.66
15	0	0	0	0	0	0	2.903	5	53.6	0	0	0
16	0	0	0	0	0	0	2.802	6	53.5	1.502	1	42.59
17	0	0	0	0	0	0	2.803	6	52.7	2.802	0	78.1
18	0	0	0	0	0	0	2.703	2	54	1.502	1	41.81
19	0	0	0	0	0	0	2.802	4	54.1	2.903	0	79.34
20	0	0	0	1.0997	1	18.9	2.002	3	37.4	0	0	0
21	0	0	0	0	0	0	3.404	7	65.8	4.304	1	120.52
22	0	0	0	0	0	0	2.802	4	53.5	2.102	0	58.89
23	0	0	0	0	0	0	2.703	5	51.7	1.802	1	48.81
24	0	0	0	0	0	0	2.703	2	53.3	2.602	0	72.52
25	0	0	0	0	0	0	2.702	1	54	0	0	0
26	0	0	0	0	0	0	2.603	4	51.6	3.203	1	88.59
27	0	0	0	0.7998	1	2.5	2.502	2	47.5	3.003	0	85.85
28	0	0	0	0	0	0	1.602	3	30.7	0	0	0
29	0	0	0	0	0	0	1.001	1	19.9	0	0	0
30	0	0	0	0	0	0	2.502	1	49.3	5.906	1	164.19
31	0	0	0	0	0	0	5.005	3	99.7	0	0	0
Month	0	0	0	3.2992	5	32.6	85.083	113	1647.1	66.765	13	1858.8

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth

Well Report

February-12

Daily / Monthly

Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	2.803	1	54.4	2.001	1	55.09
2	0	0	0	0	0	0	2.803	1	54.1	2.403	0	66.05
3	0	0	0	0	0	0	2.702	1	53.6	1.401	1	38.84
4	0	0	0	0	0	0	2.803	1	53.5	2.903	0	81.72
5	0	0	0	0	0	0	2.703	1	54.3	3.303	1	90.69
6	0	0	0	4.099	4	22.9	2.002	1	38.1	1.101	0	29.71
7	0	0	0	0.4999	1	3	2.702	1	53.1	0	0	0
8	0	0	0	0	0	0	2.803	1	54.2	5.806	1	162.27
9	0	0	0	4.4989	1	25.4	2.703	1	53.7	0	0	0
10	0	0	0	0	0	0	2.702	1	52.2	0	0	0
11	0	0	0	0	0	0	2.603	1	51.9	3.103	1	86.27
12	0	0	0	0	0	0	2.502	1	49.2	3.203	0	89.25
13	0	0	0	13.1968	1	66.3	0.1	0	2	0	0	0
14	0	0	0	9.8976	0	46.4	2.203	1	41.8	0	0	0
15	0	0	0	6.5984	2	54.3	0.4	0	7.8	0	0	0
16	0	0	0	0	0	0	2.803	1	53.8	6.206	1	172.67
17	0	0	0	0	0	0	2.702	1	54.4	0.1	3	3.69
18	0	0	0	0	0	0	2.903	1	55.4	0	0	0
19	0	0	0	0	0	0	2.703	1	53.6	6.407	1	177.42
20	0	0	0	0	0	0	2.803	1	55.2	0	0	0
21	0	0	0	0	0	0	2.702	1	54.5	4.003	1	112.76
22	0	0	0	0	0	0	2.803	1	55	0.401	0	8.93
23	0	0	0	0	0	0	2.703	1	53.3	0	0	0
24	0	0	0	0	0	0	2.702	5	49.2	3.103	1	88.98
25	0	0	0	1.1997	3	7.3	1.201	3	22.7	3.303	0	89.52
26	0	0	0	0	0	0	2.803	5	53.8	0	0	0
27	0	0	0	3.5991	1	50.9	2.803	6	52.2	3.503	1	99.59
28	0	0	0	0	0	0	2.803	6	51.1	2.103	0	57.94
29	0	0	0	0	0	0	2.702	5	52.8	0.3	1	7.5
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
Month	0	0	0	43.5894	13	276.5	71.67	51	1390.9	54.653	14	1518.89

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth												
Well Report												
January-12							Daily / Monthly					
Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	2.803	1	53	4.504	1	126.26
2	0	0	0	0	0	0	2.903	1	53.4	0	0	0
3	0	0	0	0	0	0	2.803	1	52.7	4.505	1	123.66
4	0	0	0	0.8997	0	3.5	2.702	1	51.9	0	0	0
5	0	0	0	0	0	0	2.903	1	53.2	4.404	1	121.98
6	0	0	0	0	0	0	2.803	1	52.7	0	0	0
7	0	0	0	0	0	0	2.903	1	54.8	4.404	1	124.98
8	0	0	0	0	0	0	2.903	1	55.1	0	0	0
9	0	0	0	0	0	0	2.902	3	53.2	4.605	1	126.98
10	0	0	0	0	0	0	2.803	1	53.4	0	0	0
11	0	0	0	0	0	0	3.804	2	72.6	1.101	1	31.47
12	0	0	0	0	0	0	4.104	1	79.8	5.205	0	143.39
13	0	0	0	0	0	0	2.803	1	53.8	2.402	1	68.73
14	0	0	0	0	0	0	2.702	1	52.9	1.902	0	52.12
15	0	0	0	0	0	0	2.803	1	52.5	0	0	0
16	0	0	0	0	0	0	2.803	1	54.1	5.005	1	137.88
17	0	0	0	0	0	0	2.702	1	52.5	1.502	0	42.26
18	0	0	0	0	0	0	2.703	1	51.9	0	0	0
19	0	0	0	0	335	0	2.703	1	53.4	0	0	0
20	0	0	0	0	0	0	2.702	1	52.1	6.406	3	177.35
21	0	0	0	0	0	0	2.703	2	52.3	0	0	0
22	0	0	0	0	0	0	2.702	1	53	4.204	1	119.59
23	0	0	0	0	0	0	2.703	1	52.3	2.102	0	57.01
24	0	0	0	0	0	0	2.703	1	52.4	0	0	0
25	0	0	0	0	0	0	2.602	1	52.3	3.203	1	89.21
26	0	0	0	0	0	0	2.703	1	52.5	3.103	0	85.65
27	0	0	0	0	0	0	2.703	1	52.2	0	0	0
28	0	0	0	0	0	0	2.702	1	53.2	5.405	1	152
29	0	0	0	0	0	0	2.803	1	54.6	0.901	0	24.07
30	0	0	0	0	0	0	2.803	1	53.7	1.902	1	52.82
31	0	0	0	0	0	0	2.702	1	54	2.403	0	68.43
Month	0	0	0	0.8997	335	3.5	88.086	35	1691.5	69.168	15	1925.84

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth												
Well Report												
December-11							Daily / Monthly					
Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	2.803	1	57.6	1.301	0	32.37
2	0	0	0	0	0	0	2.802	1	57.2	2.302	1	65.06
3	0	0	0	0	0	0	2.703	1	56.8	2.002	0	50.16
4	0	0	0	0	0	0	2.803	1	58.2	2.403	1	65.02
5	0	0	0	0	0	0	2.802	1	57.9	1.902	0	50.39
6	0	0	0	0	0	0	2.803	1	58.2	2.602	1	69.68
7	0	0	0	0	0	0	2.803	1	57.2	1.802	0	47.05
8	0	0	0	0	0	0	2.702	1	57.3	2.803	1	76.18
9	0	0	0	0	0	0	2.803	2	57.2	1.501	0	38.9
10	0	0	0	0	0	0	2.703	1	57.6	0	0	0
11	0	0	0	0	0	0	2.903	1	58.3	6.506	1	173.55
12	0	0	0	0	0	0	2.702	2	57.4	0	0	0
13	0	0	0	0	0	0	2.803	1	56.3	4.305	1	114.98
14	0	0	0	0	0	0	2.703	1	58	0	0	0
15	0	0	0	2.6993	0	48.7	2.802	1	57.7	2.202	1	60.88
16	0	0	0	1.0997	0	17.7	2.703	1	55.5	2.202	0	55.34
17	0	0	0	0	0	0	2.703	1	56.7	0	0	0
18	0	0	0	0	0	0	2.903	1	58.8	6.406	1	175.28
19	0	0	0	0	0	0	2.802	1	58.5	0	0	0
20	0	0	0	0.6999	0	11.4	2.803	1	57.8	3.904	1	108.48
21	0	0	0	0	0	0	2.703	1	57.2	0.5	0	13.77
22	0	0	0	0	0	0	2.802	1	58	4.405	1	121.16
23	0	0	0	0	0	0	2.803	1	57.9	0	0	0
24	0	0	0	0	0	0	2.903	1	59.6	4.404	1	123.57
25	0	0	0	0	0	0	2.703	1	56.9	0	0	0
26	0	0	0	0	0	0	2.802	1	58.5	4.404	1	121.54
27	0	0	0	0	0	0	2.903	1	59.6	0	0	0
28	0	0	0	0	0	0	3.003	1	61.5	4.505	1	127
29	0	0	0	0	0	0	2.703	1	57.7	0	0	0
30	0	0	0	0	0	0	2.802	1	58.3	4.404	1	122.14
31	0	0	0	0	0	0	3.003	1	55.9	0	0	0
Month	0	0	0	4.4989	0	77.8	86.684	33	1791.3	66.765	14	1812.5

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth												
Well Report												
November-11						Daily / Monthly						
Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	0	0	0	2.803	1	57.6	4.304	1	115.31
2	0	0	0	0	0	0	2.803	1	57.8	0	0	0
3	0	0	0	0	0	0	2.702	1	56.8	4.304	1	115.38
4	0	0	0	0	0	0	2.703	1	56.9	0	0	0
5	0	0	0	0	0	0	2.803	1	58.3	4.304	1	115.9
6	0	0	0	0	0	0	2.902	1	58.7	0	0	0
7	0	0	0	0	0	0	2.803	1	58.5	4.405	1	117.95
8	0	0	0	0	0	0	2.803	1	59.1	0	0	0
9	0	0	0	0	0	0	2.803	1	57.5	4.404	1	117.22
10	0	0	0	0	0	0	2.902	1	59.3	0	0	0
11	0	0	0	0	0	0	2.803	1	58.3	4.504	1	118.39
12	0	0	0	0	0	0	2.803	2	57.5	0	0	0
13	0	0	0	0	0	0	5.005	1	105.6	3.204	1	90.9
14	0	0	0	0	0	0	2.802	1	58	2.902	0	73.39
15	0	0	0	0	0	0	2.803	1	58.6	4.104	1	110.24
16	0	0	0	0	0	0	2.803	1	58.3	0.201	0	6.83
17	0	0	0	0	0	0	2.903	1	59	4.404	1	117.95
18	0	0	0	0.6999	0	9.6	2.402	1	51	0	0	0
19	0	0	0	0	0	0	3.003	1	60.4	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	5.706	6	118	8.508	4	232.94
22	0	0	0	0	0	0	2.802	1	58.9	0	0	0
23	0	0	0	0	0	0	3.103	1	62.9	4.505	1	122.29
24	0	0	0	0	0	0	2.503	1	51.9	0	0	0
25	0	0	0	0	0	0	2.502	1	51.6	0	0	0
26	0	0	0	0	0	0	2.703	2	55.7	5.805	1	156.2
27	0	0	0	0	0	0	5.005	1	105.4	0	0	0
28	0	0	0	0	0	0	2.702	1	55.8	5.806	1	132.98
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	2.703	1	58	4.104	1	113.51
31	0	0	0	0	0	0	2.803	1	57.6	2.302	0	58.16
Month	0	0	0	0.6999	0	9.6	87.886	36	1823	72.07	17	1915.54

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth												
Well Report												
October-11						Daily / Monthly						
Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	12.197	0	96.8	3.103	1	64.9	5.606	1	150.93
2	0	0	0	15.9961	0	167.3	2.902	1	59.7	0	0	0
3	0	0	0	1.5996	0	22.8	6.106	4	125.4	4.504	1	122.24
4	0	0	0	3.7991	0	28	3.404	1	69.8	5.005	1	135.26
5	0	0	0	23.9941	0	188.8	0	0	0	0	0	0
6	0	0	0	23.9941	0	176.8	0	0	0	0	0	0
7	0	0	0	20.595	0	149.7	0	0	0	0	0	0
8	0	0	0	19.1953	0	143.1	0	0	0	0	0	0
9	0	0	0	14.9964	0	121.6	0	0	0	0	0	0
10	0	0	0	9.1977	0	79.3	2.502	4	52.3	0	0	0
11	0	0	0	23.9942	0	180.8	0	0	0	0	0	0
12	0	0	0	1.0997	0	5.4	2.803	2	57	4.405	1	116.78
13	0	0	0	17.5957	0	130	0	0	0	0	0	0
14	0	0	0	4.9988	0	33	2.703	1	55.3	0	0	0
15	0	0	0	16.4959	0	126.8	0	0	0	0	0	0
16	0	0	0	3.0993	0	19.9	2.702	1	57	0	0	0
17	0	0	0	1.0997	0	5.8	2.803	3	56	6.306	5	171.99
18	0	0	0	8.5979	0	82.5	2.703	1	56	0	0	0
19	0	0	0	7.9981	0	62	0	0	0	0	0	0
20	0	0	0	18.8953	0	136.6	0	0	0	0	0	0
21	0	0	0	4.399	0	37.1	2.502	1	52.2	0	0	0
22	0	0	0	0.8998	0	11.9	2.603	1	54.3	6.106	1	165.02
23	0	0	0	2.5993	0	18	2.702	1	56.9	0	0	0
24	0	0	0	1.8996	0	20	2.503	1	51.6	0	0	0
25	0	0	0	15.8961	0	113.6	0	0	0	0	0	0
26	0	0	0	2.9992	0	26.7	2.502	1	51.3	6.006	1	161.74
27	0	0	0	0	0	0	2.803	1	57.4	0	0	0
28	0	0	0	0	0	0	2.702	1	57.7	4.304	1	116.02
29	0	0	0	0	0	0	3.704	2	76.5	0	0	0
30	0	0	0	0	0	0	4.504	1	92	5.705	1	153.95
31	0	0	0	0	0	0	2.703	1	57	0.601	0	16.06
Month	0	0	0	278.132	0	2184.3	60.959	30	1260.3	48.548	13	1309.99

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth

Well Report

September-11

Daily / Monthly

Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	1.7996	0	17.7	6.206	2	128.4	5.099	1	137.34
2	0	0	0	9.3977	0	84.9	5.806	2	120	2.899	1	77.95
3	0	0	0	1.7995	0	17	6.206	2	128.8	1.6	0	42.3
4	0	0	0	3.2992	0	46.6	3.103	1	64.4	4.799	1	128.78
5	0	0	0	5.0988	0	73.6	6.006	2	124.9	4.698	1	126.17
6	0	0	0	2.7993	0	34.6	6.105	2	128	4.599	1	123.74
7	0	0	0	4.299	0	38.2	6.106	2	126.7	4.999	1	134.47
8	0	0	0	0.7998	0	11.6	6.907	2	113.9	4.399	2	117.94
9	0	0	0	0	0	0	9.81	3	191.1	7.107	1	222.95
10	0	0	0	0	0	0	3.203	1	67.8	3.504	0	91.78
11	0	0	0	0	0	0	6.106	2	125.8	4.904	1	132.94
12	0	0	0	0	0	0	10.41	5	207.6	6.707	3	177.01
13	0	0	0	0.9997	0	14.6	8.909	2	185.9	9.509	1	258.92
14	0	0	0	1.9995	0	19.1	7.107	2	146.5	6.206	1	165.2
15	0	0	0	1.6996	0	24.3	6.106	2	127.5	5.706	1	150.05
16	0	0	0	1.8996	0	18	5.705	2	118.4	4.404	1	118.57
17	0	0	0	19.4952	0	158.6	0	0	0	0	0	0
18	0	0	0	7.6981	0	79.3	2.903	1	59.4	0	0	0
19	0	0	0	2.6994	0	22.6	7.107	3	148.3	3.504	3	97.38
20	0	0	0	1.5996	0	24.5	7.707	2	159.6	7.106	1	193.01
21	0	0	0	1.7995	0	18.1	6.407	2	134.4	5.806	1	156.96
22	0	0	0	1.8996	0	17.7	6.706	2	137.3	7.407	1	195.92
23	0	0	0	1.6995	0	17.6	5.906	2	124	4.605	1	124.6
24	0	0	0	3.8991	0	34.5	5.505	2	114	0	0	0
25	0	0	0	1.2997	0	14.9	2.803	1	57.5	6.406	1	172.71
26	0	0	0	2.2994	0	25.4	9.71	3	202.3	4.905	1	132.38
27	0	0	0	1.6996	0	23.5	6.406	2	132.2	5.005	1	132.96
28	0	0	0	1.7996	0	25.2	6.306	2	131.1	5.105	1	136.53
29	0	0	0	1.7995	0	10	6.406	2	133.5	4.804	1	130.16
30	0	0	0	2.2995	0	28.6	6.507	2	135.5	5.205	1	137.6
31	0	0	0	0	0	0	0	0	0	0	0	0
Month	0	0	0	87.8786	0	900.7	184.18	60	3774.8	140.997	30	3816.32

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth												
Well Report												
August-11						Daily / Monthly						
Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	1.9001	0	28.3	10.711	4	221.9	9.298	2	254.03
2	0	0	0	4.7003	0	78.9	7.207	2	148.6	8.098	1	212.85
3	0	0	0	4.6003	0	74.9	9.509	3	199.2	5.698	1	153.14
4	0	0	0	1.8001	0	28.9	9.91	2	205.8	6.099	1	164.23
5	0	0	0	2.6002	0	37.1	9.209	3	191.8	6.198	2	166.67
6	0	0	0	1.5001	0	22.8	6.907	2	143.7	7.998	1	214.66
7	0	0	0	2.0001	0	27.4	6.806	2	141.3	4.299	1	114.1
8	0	0	0	16.401	0	294.2	0	0	0	2.7	0	71.15
9	0	0	0	12.8008	0	227.3	3.003	1	61.7	0	0	0
10	0	0	0	1.7001	0	22.1	6.907	3	142.6	4.898	1	129.55
11	0	0	0	10.6006	0	184.8	8.809	4	182.4	5.499	2	148.89
12	0	0	0	9.2006	0	162.8	4.003	1	82.8	4.699	0	125.1
13	0	0	0	4.7003	0	77.1	9.109	3	190.6	5.798	2	156.39
14	0	0	0	1.9001	0	18.3	6.507	2	134.6	4.899	1	131.72
15	0	0	0	6.9004	0	110.6	5.605	2	116.1	4.199	0	110.06
16	0	0	0	1.7001	0	27.1	9.009	2	187.7	11.297	2	303.64
17	0	0	0	4.8003	0	79.4	6.807	3	140.4	5.299	1	141.24
18	0	0	0	10.6007	0	189.3	7.006	4	144.8	2.999	1	85.56
19	0	0	0	9.2005	0	159.9	5.105	2	106	2.5	0	62.71
20	0	0	0	1.7001	0	25.9	8.008	2	165.7	6.798	2	183.34
21	0	0	0	6.1004	0	106.4	3.103	1	64.8	3.299	0	88.61
22	0	0	0	2.5001	0	37.5	10.51	5	218.2	7.798	3	214.52
23	0	0	0	3.2002	0	53.4	7.007	2	144.5	8.198	1	216.32
24	0	0	0	5.8004	0	87.1	6.306	2	131.4	4.899	1	131.64
25	0	0	0	24.0015	0	432.4	0	0	0	0	0	0
26	0	0	0	15.4975	0	276.1	3.304	1	68.8	0	0	0
27	0	0	0	1.5997	0	16	6.006	2	123.7	4.799	1	128.92
28	0	0	0	1.6995	0	23.8	5.605	2	116.4	4.499	1	120.54
29	0	0	0	1.9996	0	29.4	9.509	3	198.7	6.998	3	192.04
30	0	0	0	4.9987	0	81.5	7.207	2	149.3	6.099	1	163.6
31	0	0	0	1.6996	0	25.6	6.707	2	139.1	6.998	1	185.82
Month	0	0	0	180.404	0	3046.3	205.401	69	4262.6	162.86	33	4371.04

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

City of New Plymouth												
Well Report												
July-11						Daily / Monthly						
Day	Well Pump #6			Well Pump #7			Well Pump #8			Well Pump #9		
	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000	Hours Runtime	# Starts	Total Gallons X1000
1	0	0	0	2.3002	0	38.1	7.608	2	158.4	6.598	1	178.4
2	0	0	0	2.7001	0	39.1	10.21	3	212.5	7.098	2	188.53
3	0	0	0	1.9001	0	27.6	7.407	2	154	5.999	1	161.17
4	0	0	0	1.7001	0	24.8	6.806	4	138.9	8.698	1	232.02
5	0	0	0	4.8003	0	77	9.51	4	198.7	5.298	1	140.44
6	0	0	0	1.9001	0	26.7	9.709	2	200.9	5.599	1	149.6
7	0	0	0	6.2004	0	104.8	6.907	2	144.1	6.798	1	182.48
8	0	0	0	18.8012	0	330.8	3.904	1	80.7	2.2	1	62.38
9	0	0	0	1.6001	0	22.9	6.706	3	139.6	7.698	1	203.67
10	0	0	0	1.8001	0	17.9	7.307	2	152.1	4.499	1	123.24
11	0	0	0	7.1004	0	122	8.108	3	167.1	4.799	1	127.58
12	0	0	0	1.9001	0	27.3	7.508	3	156.4	9.497	1	253.94
13	0	0	0	16.8011	0	297.5	2.902	0	59.7	0	0	0
14	0	0	0	21.3012	0	378.8	3.504	1	73.1	0.9	1	24.54
15	0	0	0	1.9002	0	26.5	7.307	2	152.7	9.798	1	262.4
16	0	0	0	2.3001	0	28.1	7.107	3	145.8	5.098	1	136.32
17	0	0	0	2.4001	0	20.7	7.607	2	159.7	4.799	1	127.38
18	0	0	0	2.1002	0	33.4	9.209	3	189.2	5.299	1	142.78
19	0	0	0	2.5001	0	37.1	8.609	4	179.8	5.899	1	157.74
20	0	0	0	9.5006	0	167.1	4.804	1	100.2	4.698	1	125.18
21	0	0	0	2.9002	0	35.1	9.009	5	185	5.899	2	160.02
22	0	0	0	2.9002	0	48.9	8.609	2	179.7	10.297	1	275.18
23	0	0	0	2.8001	0	43.2	6.406	3	131.5	5.699	1	151.56
24	0	0	0	4.5003	0	75.3	6.406	2	133	3.199	1	88.78
25	0	0	0	4.0002	0	63.4	7.507	3	156.8	7.698	1	203.31
26	0	0	0	14.2009	0	251.9	7.007	2	145	1.4	1	39.77
27	0	0	0	4.3003	0	71.6	7.708	3	158.3	6.498	1	175.78
28	0	0	0	4.7003	0	77.4	7.207	3	149.5	9.098	1	239.08
29	0	0	0	15.2009	0	271.2	3.603	1	75.2	0	0	0
30	0	0	0	2.7002	0	42.8	6.006	2	126.1	5.199	1	139.59
31	0	0	0	2.8001	0	28.9	7.507	3	155.4	4.599	1	122.47
Month	0	0	0	172.511	0	2857.9	219.714	76	4559.1	170.858	31	4575.33

* 12am - 12pm = 1 Day

* 12am - 1st Day of Month to 12pm last day of month = 1 month

* Runtimes in Hours

WELL #8 CITY OF NEW PLYMOUTH

DATE	TIME	Operator Initials	WELL #8 GALLONS	#8 GPM	PSI	HRS #8	HRS #1	HRS #2	HRS #3	BOOSTER GPM
6-1-11	8:15	DP	off	-0 -	46.9	15891.5	362.9	406.0	11610.4	125.1
6-2-11	8:35	DP	off	-0 -	45.3	15899.1	364.7	407.8	11634.6	135.9
6-6-11	8:35	DP	off	-0 -	45.0	15922.1	370.0	413.1	11730.4	203.1
6-7-11	8:15	DP	off	-0 -	45.3	15929.4	371.4	414.7	11754.0	103.8
6-8-11	8:08	DP	652197	298.26	45.3	15934.9	373.1	416.2	11777.7	123.2
6-9-11	8:40	DP	652323	295.72	44.2	15942.0	374.7	417.8	11802.1	180.6
6-10-11	8:10	DP	652477	296.72	43.3	15950.7	376.8	420.0	11825.5	255.4
6-13-11	9:30	DP	652799	299.16	45.2	15968.8	380.9	424.0	11898.6	174.5
6-14-11	8:30	DP	652930	297.41	45.4	15976.2	382.8	426.0	11921.5	220.9
6-15-11	8:20	DP	653127	297.4	45.4	15987.2	386.1	429.0	11945.2	283.2
6-16-11	8:25	DP	653247	302.5	44.6	15994.0	388.0	430.9	11969.2	190.4
6-17-11	8:25	JH	653452	297.0	42.4	16005.4	391.2	434.1	11993.1	333.6
6-20-11	8:10	DP	653746	299.11	45.4	16022.0	395.6	438.5	12064.6	249.7
6-21-11	8:15	DP	off	-0 -	44.9	16032.1	398.5	441.5	12088.6	195.9
6-22-11	8:05	DP	off	-0 -	45.4	16041.3	402.5	445.5	12112.4	235.0
6-23-11	9:30	DP	654317	299.96	41.8	16054.0	406.7	449.8	12137.6	252.9
6-24-11	9:09	JH	654482	297.9	45.4	16063.2	409.2	452.3	12160.2	140.7
6-27-11	4:00	DP	654997	305.01	45.0	16092.1	417.5	460.5	12239.7	275.4
6-28-11	8:15	DP	off	-0 -	46.3	16101.7	420.4	464.3	12255.9	296.2
6-29-11	8:05	DP	off	-0 -	47.2	16108.8	423.6	467.3	12279.6	282.5
6-30-11	8:49	OH	-	-	45.6	16115.3	425.7	469.3	12304.4	245.2
7-5-11	8:09	JH	-	-	45.6	16154.2	434.4	482.9	12423.1	207.7
7-6-11	8:17	JH	656499	349.6	46.2	16165.7	442.7	486.3	12447.2	272.1
7-7-11	7:40	JH	-	-	46.1	16177.9	447.7	491.1	12470.5	332.6
7-8-11	8:25	JH	-	-	45.4	16181.4	449.6	493.0	12485.1	245.7
7-11-11	8:05	DP	657245	345.71	46.8	16201.5	455.8	499.4	12506.5	377.9
7-12-11	8:15	DP	657409	345.10	44.4	16209.4	458.8	502.3	12570.6	247.4
7-13-11	9:00	DP	off	-0 -	45.8	16217.7	463.0	506.4	12615.2	229.5

WELL #8 CITY OF NEW PLYMOUTH

DATE	TIME	Operator Initials	WELL #8 GALLONS	#8 GPM	PSI	HRS #8	HRS #1	HRS #2	HRS #3	BOOSTER GPM
7-14-11	8:45	OP	off	-0-	46.2	16217.7	463.3	506.8	12638.8	271.4
7-15-11	8:27	JH	6577 13	347.25	53.5	16224.0	465.9	509.4	12662.4	384.3
7-18-11	8:55	OP	6581 63	348.25	49.5	16245.7	472.1	515.7	12734.6	409.2
7-19-11	8:45	OP	off	-0-	44.6	16255.7	470.2	519.8	12757.8	448.8
7-20-11	8:45	OP	off	-0-	45.9	16261.7	477.9	521.5	12782.2	273.5
7-21-11	8:20	OP	off	-0-	46.7	16269.1	480.2	523.8	12805.7	246.3
7-22-11	8:31	JH	6588 33	349.75	46.3	16278.0	482.7	526.3	12830.0	327.7
7-25-11	10:10	OP	off	-0-	52.0	16299.8	489.0	533.1	12903.2	313.8
7-26-11	8:30	OP	off	-0-	45.7	16303.8	491.8	535.9	12925.5	287.6
7-27-11	8:15	OP	6595 29	348.25	46.2	16311.5	494.8	538.9	12949.1	
7-28-11	8:15	OP	6597 35	349.49	49.8	16321.4	498.0	542.3	12973.0	292.4
7-29-11	8:25	OP	off	-0-	45.9	16329.1	501.7	545.9	12997.0	308.6
8-1-11	8:20	OP	off	-0-	45.7	16344.6	505.7	550.0	13068.7	281.1
8-2-11	8:15	OP	off	-0-	52.8	16357.0	509.8	554.9	13092.5	475.1
8-3-11	8:29	JH	off	off	46.6	16364.3	512.2	557.1	13116.6	285.3
8-4-11	8:49	JH	6606 11	350.80	41.4	16373.2	515.6	560.4	13140.7	323.3
8-5-11	8:46	JH	off	off	46.6	16383.5	519.8	564.6	13164.4	276.6
8-8-11	8:09	OP	off	-0-	52.0	16403.0	525.5	570.5	13235.8	342.7
8-9-11	8:05	OP	off	-0-	45.6	16406.0	526.1	571.8	13259.6	311.5
8-10-11	8:43	JH	—	—	46.1	16409.1	528.1	573.2	13284.1	413.1
8-11-11	8:33	JH	—	—	45.0	16415.8	531.3	576.2	13308.0	374.5
8-12-11	8:20	OP	6618 44	349.0	45.4	16422.8	535.1	579.4	13331.6	268.2
8-15-11	1:30	OP	off	-0-	46.1	16441.3	542.1	586.5	13404.4	213.6
8-16-11	8:38	OP	6624 04	350.1	51.8	16449.4	545.0	589.3	13427.4	390.2
8-17-11	9:00	OP	off	-0-	45.8	16459.1	548.5	592.9	13451.7	188.8
8-18-11	8:00	OP	off	-0-	33.4	16462.7	549.7	594.1	13474.7	257.5
8-19-11	8:09	JH	6628 99	349.80	46.4	16473.5	553.5	597.8	13498.7	366.8
8-22-11	8:13	OP	off	-0-	46.5	16488.9	558.7	603.2	13570.4	289.7

WELL #8 CITY OF NEW PLYMOUTH

DATE	TIME	Operator Initials	WELL #8 GALLONS	#8 GPM	PSI	HRS #8	HRS #1	HRS #2	HRS #3	BOOSTER GPM
8/23/11	8:20	OP	663411	348.25	47.7	16498.1	562.0	606.5	13594.5	328.2
8/24/11	8:07	OP	off	- 0 -	46.1	16506.5	564.3	608.9	13618.2	234.6
8/25/11	8:50	OP	off	- 0 -	45.6	16509.7	566.3	610.9	13642.8	309.4
8/26/11	8:36	OP	off	- 0 -	46.0	16509.7	567.1	611.8	13666.5	315.9
~~8/27/11~~	~~8:39~~	~~OP~~	664229	349	~~46.0~~	1653.7	574.9	619.7	13762	239
8/30/11	8:53	BZ								
8/31/11	8:33	OP	664355	348.3	48.3	16543.5	576.9	621.6	13785.7	437.1
9/1/11	8:43	JH	~~0~~	~~0~~	46.3	16551.1	579.0	623.8	13809.8	146.9
9/2/11	8:14	JH	~~0~~	~~0~~	44.1	16557.0	580.3	625.1	13833.7	378.6
9/6/11	8:50	JH	~~0~~	~~0~~	46.3	16578.1	585.7	630.5	13930.5	219.9
9/7/11	9:10	JH	~~0~~	~~0~~	46.0	16584.6	587.3	632.2	13953.5	202.9
9/8/11	8:00	OP	- 0 -	- 0 -	45.6	16590.2	588.6	633.5	13976.6	184.3
9/9/11	8:43	JH	~~0~~	~~0~~	45.9	16598.3	590.6	635.6	13991.5	282.7
9/12/11	8:49	JH	~~0~~	~~0~~	45.7	16616.6	593.8	638.6	14061.7	264.7
9/13/11	8:39	JH	666038	349.3	46.0	16626.8	597.0	641.9	14084.7	100.7
9/14/11	8:07	JH	666200	348.3	~~46.0~~ 45.5	16634.6	599.1	644.0	14108.1	353.7
9/15/11	10:00	OP	off	- 0 -	46.8	16643.0	601.4	646.4	14133.8	215.7
9/16/11	8:26	JH	-	-	45.9	16648.0	602.8	647.8	14156.2	161.9
9/20/11	8:29	JH	-	-	46.4	16663.4	605.3	650.4	14252.2	174.0
9/21/11	10:01	OP		347.7	46.6	16672.0	607.4	652.2	14277.3	218.4
9/22/11	8:38	OP	off	- 0 -	46.1	16679.2	609.3	654.4	14299.8	246.1
9/23/11	8:21	OP	off	- 0 -	46.2	16685.5	611.0	656.1	14323.4	174.0
9/26/11	9:10	JH	~~0~~	~~0~~	46.1	16699.7	614.0	659.2	14395.7	233.5
9-27-11	9:19	JH	667749	348.25	46.2	16709.2	616.5	661.7	14420.0	207.9
9-28-11	9:51	JH	~~0~~	~~0~~	46.1	16715.0	618.2	663.5	14444.3	191.3
9-30-11	10:27	JH	668160	345.71	44.9	16729.0	621.6	666.9	14492.8	300.7
10-3-11	9:30	JH	668408	~~0~~	46.3	16740.0	624.8	669.9	14562.2	155.5
10-9-11	8:40	JH	~~0~~	~~0~~	45.9	16744.4	626.5	671.7	14585.3	124.9

WELL #8 CITY OF NEW PLYMOUTH

DATE	TIME	Operator Initials	WELL #8 GALLONS	#8 GPM	PSI	HRS #8	HRS #1	HRS #2	HRS #3	BOOSTER GPM
10/6/11	8:41	JH	~~0~~	~~0~~	46.1	16747.4	626.5	671.7	14632.9	99.2
10/7/11	8:17	JH	~~0~~	~~0~~	45.8	16747.4	626.5	671.7	14656.4	130.0
10/11/11	8:02	JH	~~0~~	~~0~~	45.6	16750.8	626.8	672.0	14751.8	163.3
10/12/11	8:09	JH	658608	348.10	46.1	16750.7	626.9	672.0	14775.7	123.8
10/13/11	8:08	JH	~~0~~	~~0~~	46.1	16752.8	627.0	672.0	14799.8	112.5
10/14/11	8:42	DP	668663	346.56	45.5	16753.4	627.0	672.1	14824.1	97.2
10/17/11	8:21	JH	668787	347.41	46.2	16759.4	627.4	672.5	14895.5	104.5
10/18/11	8:19	JH	~~0~~	~~0~~	46.3	16761.0	627.4	672.6	14919.4	85.3
10/19/11	8:21	JH	~~0~~	~~0~~	46.0	16763.7	627.5	672.7	14943.5	93.1
10/20/11	8:45	JH	~~0~~	~~0~~	46.1	16763.7	627.5	672.7	14968.6	136.9
10/21/11	8:10	JH	~~0~~	~~0~~	46.1	16763.7	627.5	672.7	14991.1	116.2
10/24/11	8:49	JH	~~0~~	~~0~~	46.3	16771.5	628.3	673.5	15063.6	113.1
10/25/11	8:15	DP	off	-0-	45.9	16774.0	628.4	673.4	15086.7	122.3
10/26/11	8:10	DP	off	-0-	45.8	16774.0	628.4	673.4	15110.5	100.3
10/27/11	8:29	BZ	669163	345	45	16777.5	628.5	673.7	15134.7	94.25
10/28/11	1:00	JH	~~0~~	~~0~~	45.8	16782.0	628.5	673.7	15163.1	102.0
10/31/11	8:31	JH	~~0~~	~~0~~	46.1	16790.1	628.7	673.8	15230.2	100.7
11/1/11	8:19	JH	~~0~~	~~0~~	46.1	16792.9	628.7	673.8	15254.1	111.4
11/2/11	8:09	JH	~~0~~	~~0~~	45.9	16795.7	628.7	673.8	15277.9	111.6
11/3/11	8:53	JH	~~0~~	~~0~~	46.0	16798.4	628.7	673.8	15302.4	104.3
11/4/11	8:09	JH	~~0~~	~~0~~	46.3	16801.2	628.7	673.8	15325.8	93.3
11/7/11	8:07	JH	~~0~~	~~0~~	45.9	16809.6	628.7	674.0	15398.2	109.7
11/8/11	8:19	JH	30476 669853	347.41	46.3	16812.6	628.9	674.1	15422.6	116.3
11/9/11	8:11	JH	669946	348.25	46.1	16815.4	628.9	674.1	15446.2	98.8
11/10/11	8:17	JH	670041	346.56	46.0	16822.0	629.0	674.2	15470.4	103.2
11-15-11	8:07	JH	~~0~~	~~0~~	46.1	16831.5	629.1	674.3	15565.6	109.7
11-16-11	8:03	JH	~~0~~	~~0~~	45.6	16834.3	629.1	674.3	15589.4	119.0
11-17-11	8:07	JH	~~0~~	~~0~~	45.7	16837.1	629.1	674.3	15613.4	138.7

WELL #8 CITY OF NEW PLYMOUTH

DATE	TIME	Operator Initials	WELL #8 GALLONS	#8 GPM	PSI	HRS #8	HRS #1	HRS #2	HRS #3	BOOSTER GPM
11-18-11	8:09	JH	~~0~~	~~0~~	46.0	16839.9	629.2	674.4	15637.3	160.7
11-19-11	8:16	JH	~~0~~	~~0~~	46.2	16842.8	629.3	674.5	15661.3	107.7
11-21-11	8:21	DP	off	-0-	46.1	16851.0	629.7	674.9	15733.2	81.1
11-22-11	8:22	DP	670752	345.71	46.3	16854.5	629.8	675.0	15751.1	87.5
11-23-11	8:12	DP	670803	347.41	46.2	16856.9	629.9	675.1	15780.8	101.9
11-28-11	8:20	DP	off	-0-	46.0	16872.5	630.3	676.2	15899.9	127.6
11-29-11	8:31	JH	off	~~0~~	46.7	16875.2	630.3	676.2	15923.9	211.1
11-30-11	8:29	DP	off	-0-	46.1	16878.0	630.4	676.3	15947.7	92.5
12-1-11	8:09	JH	off	~~0~~	46.6	16880.7	630.4	676.3	15971.3	98.0
12-1-11	8:17	JH	off	~~0~~	45.8	16883.5	630.5	676.3	15995.5	109.7
12-5-11	8:48	DP	off	-0-	46.1	16891.8	630.5	676.4	16067.6	120.0
12-5-11	8:36	JH	~~0~~	~~0~~	45.8	16894.6	630.5	676.4	16091.2	67.9
12-7-11	8:12	JH	~~0~~	~~0~~	45.6	16897.4	630.5	676.5	16115.0	91.0
12-8-11	9:44	KY	off	-0-	87.0	16900.2	630.5	676.5	16140.1	111.4
12-9-11	8:17	JH	~~0~~	~~0~~	46.0	16902.9	630.6	676.5	16162.7	99.2
12-12-11	8:14	KY	off	-0-	46.2	16911.3	630.7	676.6	16234.3	106.3
12-13-11	8:17	JH	~~0~~	~~0~~	45.1	16914.1	630.7	676.6	16258.4	108.1
12-14-11	8:58	KY	-0-	-0-	46.1	16916.8	630.7	676.6	16282.8	122.4
12-15-11	8:16	DP	off	-0-	46.0	16919.5	630.7	676.6	16306.0	83.5
12-16-11	8:33	DP	off	-0-	45.6	16922.5	630.8	676.7	16330.2	141.3
12-19-11	8:21	JH	~~0~~	~~0~~	45.7	16930.6	631.1	676.9	16402.0	117.1
12-20-11	8:19	KY	~~0~~	-0-	46.4	16933.4	631.1	677.0	16425.7	138.4
12-21-11	8:20	DP	off	-0-	45.5	16936.2	631.1	677.0	16450.5	135.2
12-22-11	8:21	JH	off	~~0~~	45.9	16938.9	631.1	677.0	16450.5	121.1
12-23-11	8:19	JH	~~0~~	~~0~~	46.1	16941.7	631.2	677.0	16497.4	106.0
12-27-11	8:21	JH	~~0~~	~~0~~	46.2	16952.9	631.4	677.3	16593.3	120.0
12-28-11	8:26	JH	~~0~~	~~0~~	46.1	16955.8	631.5	677.3	~~16616.9~~	100.9
12-29-11	8:53	KY	~~0~~	~~0~~	46.4	16960.2	631.7	677.6	16641.4	113.5

16641.4

WELL #8 CITY OF NEW PLYMOUTH

DATE	TIME	Operator Initials	WELL #8 GALLONS	#8 GPM	PSI	HRS #8	HRS #1	HRS #2	HRS #3	BOOSTER GPM
12-30-11	8:07	JH	672968	348.25	46.3	16961.8	631.7	677.6	16644.4	85.6
1-3-12	8:27	JH	~~0~~	~~0~~	46.1	16973.0	632.3	678.2	16760.3	95.6
1-4-12	8:00	DP	off	-0-	46.3	16975.8	632.4	678.3	16783.9	108.0
1-5-12	8:26	JH	673332	346.56	46.0	16979.3	632.5	678.4	16808.7	93.5
1-6-12	8:10	KY	673386	~~345.3428~~	46.3	16981.0	632.6	678.5	16831.9	94.4
1-9-12	8:14	JH	673587	346.71	46.1	16991.7	633.2	679.1	16903.7	106.5
1-10-12	8:10	JH	673667	349.41	46.0	16995.6	633.3	679.2	16927.6	103.4
1-11-12	8:29	OH	~~0~~	~~0~~	46.0	16998.3	633.3	679.2	16952.1	79.5
1-12-12	8:17	JH	~~0~~	~~0~~	45.8	17000.9	633.3	679.2	16975.3	86.4
1-13-12	8:10	OH	~~0~~	~~0~~	46.2	17003.6	633.3	679.2	16999.3	109.5
1-17-12	8:09	KY	~~0~~	~~0~~	46.3	17014.7	633.4	679.3	17094.7	99.4
1-18-12	8:15	BZ	~~0~~	~~0~~	46	17017.4	633.4	679.3	17119.1	82
1-20-12	8:10	JH	~~0~~	~~0~~	46.2	17022.8	633.4	679.3	17106.5	66.2
1-23-12	7:20	DP	off	-0-	46.2	17030.9	633.5	679.4	17237.5	99.4
1-24-12	8:23	JH	~~0~~	~~0~~	46.1	17033.6	633.5	679.4	17262.4	91.7
1-25-12	8:01	JH	~~0~~	~~0~~	46.0	17036.3	633.5	679.4	17286.0	~~89.6~~ 90.0
1-26-12	8:17	JH	~~0~~	~~0~~	45.9	17038.9	633.5	679.4	17310.1	87.0
1-27-12	8:16	JH	~~0~~	~~0~~	46.2	17041.6	633.6	679.4	17334.0	95.2
1-30-12	8:30	JH	~~0~~	~~0~~	46.2	17049.8	633.6	679.5	17408.5	99.6
1-31-12	8:29	JH	~~0~~	~~0~~	46.1	17052.6	633.6	679.5	17430.0	87.4
2-1-12	8:03	OH	~~0~~	~~0~~	46.0	17055.3	633.6	679.5	17453.3	73.1
2-2-12	8:04	JH	~~0~~	~~0~~	45.7	17058.1	633.6	679.5	17477.3	114.3
2-3-12	8:17	JH	~~0~~	~~0~~	46.3	17060.9	633.6	679.5	17501.5	96.3
2-6-12	8:38	JH	~~0~~	~~0~~	45.8	17069.1	633.8	679.7	17573.2	138.1
2-7-12	8:50	JH	~~0~~	~~0~~	46.1	17071.1	634.1	679.9	17597.4	87.0
2-8-12	8:17	JH	~~0~~	~~0~~	46.3	17073.8	634.1	679.9	17620.9	99.6
2-9-12	8:15	KY	~~0~~	~~0~~	46.4	17076.4	634.2	679.9	17644.8	80.1
2-10-12	8:30	DP	off	-0-	46.0	17079.3	634.2	480.1	17688.9	107.8

WELL #8 CITY OF NEW PLYMOUTH

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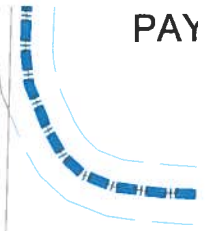
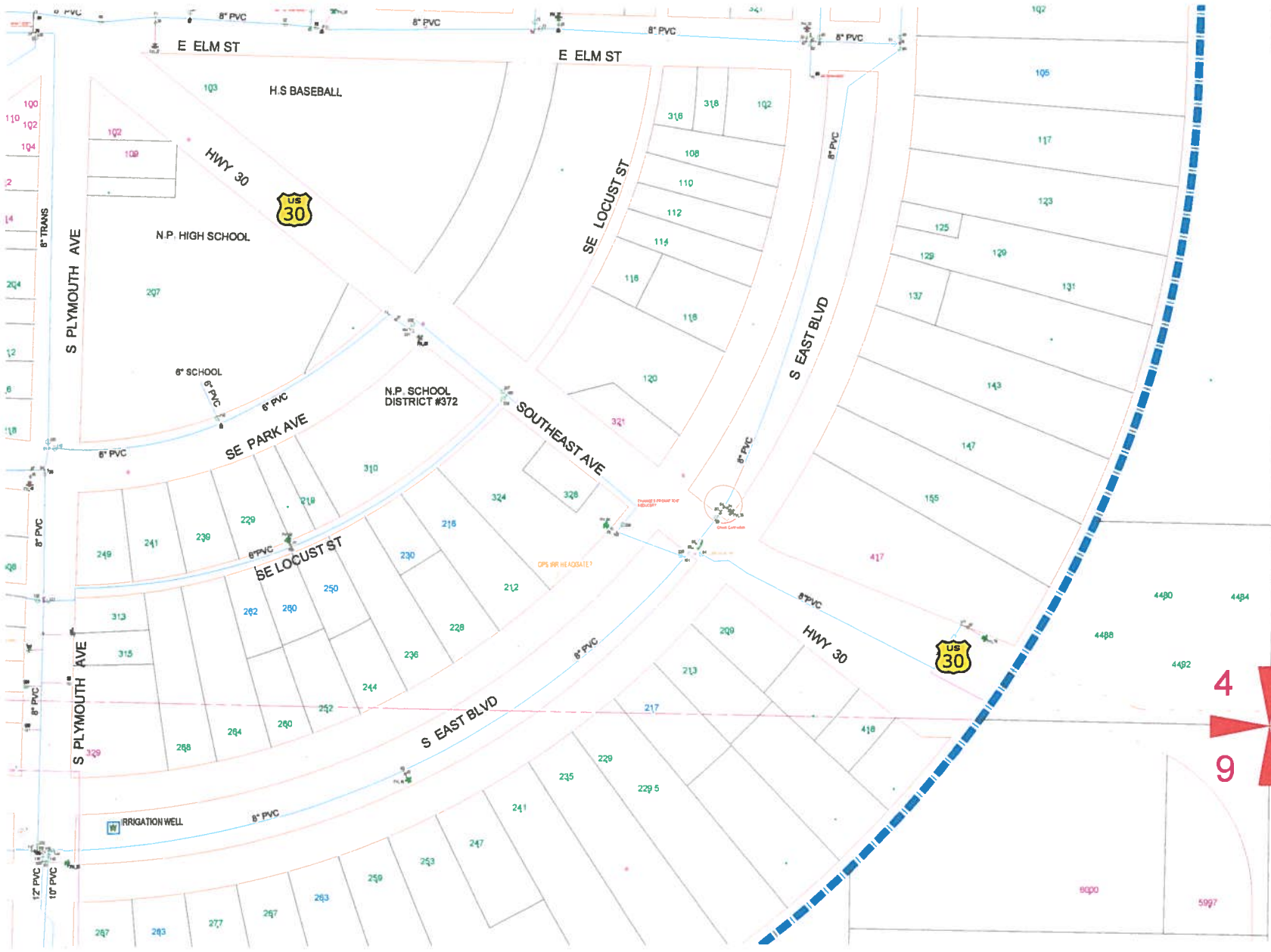
WELL #8 CITY OF NEW PLYMOUTH

DATE	TIME	Operator Initials	WELL #8 GALLONS	#8 GPM	PSI	HRS #8	HRS #1	HRS #2	HRS #3	BOOSTER GPM
4-26-12	1:50	JH	~~0~~	~~0~~	46.1	17306.1	641.8	688.0	14489.5	63.8
4-27-12	8:05	OP	off	-0-	45.4	17307.4	641.8	688.0	14507.6	125.2
4-30-12	8:49	JH	~~0~~	~~0~~	46.1	17319.0	642.1	688.3	14580.1	131.6
5-1-12	8:23	JH	~~0~~	~~0~~	45.7	17324.6	642.1	688.4	14603.7	231.7
5-2-12	8:10	JH	~~0~~	~~0~~	45.8	17327.6	642.3	688.5	14627.2	177.6
5-3-12	1:31	JH	~~0~~	~~0~~	46.0	17333.6	642.7	689.9	14656.2	87.0
5-4-12	8:43	JH	~~0~~	~~0~~	45.7	17336.5	642.7	688.9	14675.6	109.5
5-7-12	8:30	JH	680915	333.4	43.2	17348.0	643.3	689.4	14746.8	319.4
5-8-12	8:21	JH	681018	360.32	46.7	17353.0	643.9	690.1	14770.9	182.7
5-9-12	8:12	JH	681133	311.62	46.1	17358.6	644.8	691.0	14794.6	126.6
5-10-12	8:13	OP	681266	345.5	46.3	17365.2	646.1	692.3	14818.4	194.6
5-11-12	8:23	OP	off	-0-	45.8	17371.6	647.1	693.3	14842.4	186.8
5-14-12	8:20	JH	681744	354.52	46.1	17388.6	649.4	695.5	14914.1	481.9
5-15-12	8:41	OP	off	-0-	46.1	17398.7	651.8	697.7	14938.4	224.7
5-16-12	8:19	JH	~~0~~	~~0~~	46.3	17405.9	653.2	699.4	14962.1	195.3
5-17-12	6:46	OP	off	-0-	46.5	17413.5	654.7	700.9	14984.3	273.3
5-18-12	8:21	JH	~~0~~	~~0~~	46.3	17419.7	656.0	702.2	15009.7	99.8
5-21-12	8:20	JH	~~0~~	~~0~~	46.3	17439.3	659.1	705.6	15082.0	196.3
5-22-12	8:21	JH	~~0~~	~~0~~	45.3	17445.9	660.4	706.9	15105.4	284.4
5-23-12	8:59	JH	~~0~~	~~0~~	45.9	17452.3	661.6	708.1	15129.8	182.7
5-24-12	8:21	JH	~~0~~	~~0~~	45.5	17457.2	662.5	709.1	15153.0	220.1
5-25-12	8:19	JH	~~0~~	~~0~~	46.1	17462.1	663.5	710.0	15176.8	115.2
5-29-12	8:14	JH	683761	349.10	45.2	17483.2	666.7	713.3	15272.4	95.8
5-30-12	8:12	JH	~~0~~	~~0~~	45.7	17490.8	669.1	715.8	15296.2	171.3
5-31-12	8:21	JH	683964	341.48	48.0	17495.8	670.4	717.1	15320.5	8126.7
6-1-12	9:01	JH	684151	339.33	46.8	17505.0	672.6	719.3	15344.7	8703.4
6/4/12	8:04	DP	off	-0-	46.6	17524.7	674.0	722.7	15415.5	172.4
6/5/12	9:17	DP	off	-0-	45.9	17531.9	677.4	725.5	15439.1	190.5
6/6/12	8:49	JH	off	~~0~~	46.0	17534.3	678.5	726.7	15462.5	220.1

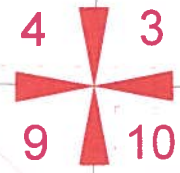
WELL #8 CITY OF NEW PLYMOUTH

DATE	TIME	Operator Initials	WELL #8 GALLONS	WELL #8 GPM	DIST PSI	HRS WELL #8	HRS DIST #1	HRS DIST #2	HRS DIST #3	Booster GPM
6-11-12	8:29	OH	~~0~~	~~0~~	46.1	17567.2	683.6	731.7	20581.7	182.0
6-12-12	8:24	DP	off	- 0 -	45.6	17574.5	685.9	734.1	20605.6	254.8
6-13-12	8:38	JH	685759	349.34	46.6	17582.3	688.6	736.2	20629.7	209.6
6-14-12	8:12	OH	685940	349.25	46.5	17591.1	690.0	738.3	20653.3	183.7
6-15-12	8:17	OH	~~0~~	~~0~~	46.3	17597.8	691.4	739.7	20677.1	152.0
6-18-12	8:10	DP	off	- 0 -	45.9	17608.6	694.3	744.5	20748.8	246.2
6-19-12	8:12	JH	~~0~~	~~0~~	46.0	17624.7	697.6	745.8	20772.7	169.2
6-20-12	8:14	JH	~~0~~	~~0~~	46.2	17624.7	697.7	746.0	20796.6	235.6
6/21/12	10:15	DP	686761	347.3	53.3	17631.2	700.0	748.3	20822.6	436.6
6/22/12	8:12	DP	686869	348.3	46.9	17636.5	701.5	749.8	20844.4	409.2
6/25/12	8:51	JH	687303	344.48	45.3	17658.0	705.6	753.9	20916.7	223.6
6/26/12	8:13	JH	~~0~~	~~0~~	45.8	17667.8	708.4	757.3	20940.0	182.7
6/27/12	8:17	JH	~~0~~	~~0~~	46.0	17674.2	709.5	758.4	20964.0	249.1
6/28/12	8:21	JH	687862	351.90	46.6	17684.9	712.0	761.0	20988.0	256.9
6/29/12	8:17	JH	~~0~~	~~0~~	45.9	17693.5	714.2	763.2	21012.0	316.4
7/2/12	8:13	DP	off	- 0 -	46.2	17718.2	719.9	769.0	21083.5	277.3
7/3/12	8:10	JH	688719	347.25	42.5	17726.4	722.3	771.4	21108.4	253.6
7/5/12	8:51	JH	~~0~~	~~0~~	47.0	17743.8	727.4	776.4	21155.4	259.4
7/6/12	8:05	DP	689319	351.7	46.5	17755.2	730.7	780.1	21179.0	375.9
7/9/12	8:01	DP	off	- 0 -	46.3	17781.5	738.4	787.8	21250.6	306.9
7/10/12	9:01	JH	689942	347.41	41.0	17785.3	741.1	790.5	21275.3	312.4
7/11/12	7:40	OH	~~0~~	~~0~~	46.0	17793.0	743.6	793.0	21298.0	313.6
7/12/12	8:09	JH	690356	205.90	39.5	17805.4	747.5	797.1	21322.5	1003.6
7/13/12	8:05	KY	- 0 -	~~0~~	52.7	17810.0	753.3	800.9	21346.3	405.8
7/16/12	8:35	JH	690814	347.41	49.6	17828.3	756.1	806.0	21418.5	439.2
7/17/12	8:41	DP	off	~~0~~	45.7	17830.5	756.7	806.4	21442.5	338.9
7/18/12	8:09	DP	off	- 0 -	45.0	17830.4	757.0	806.9	21465.9	304.7
7/19/12	9:53	JH	~~0~~	~~0~~	46.5	17830.6	758.0	808.1	21491.5	283.1

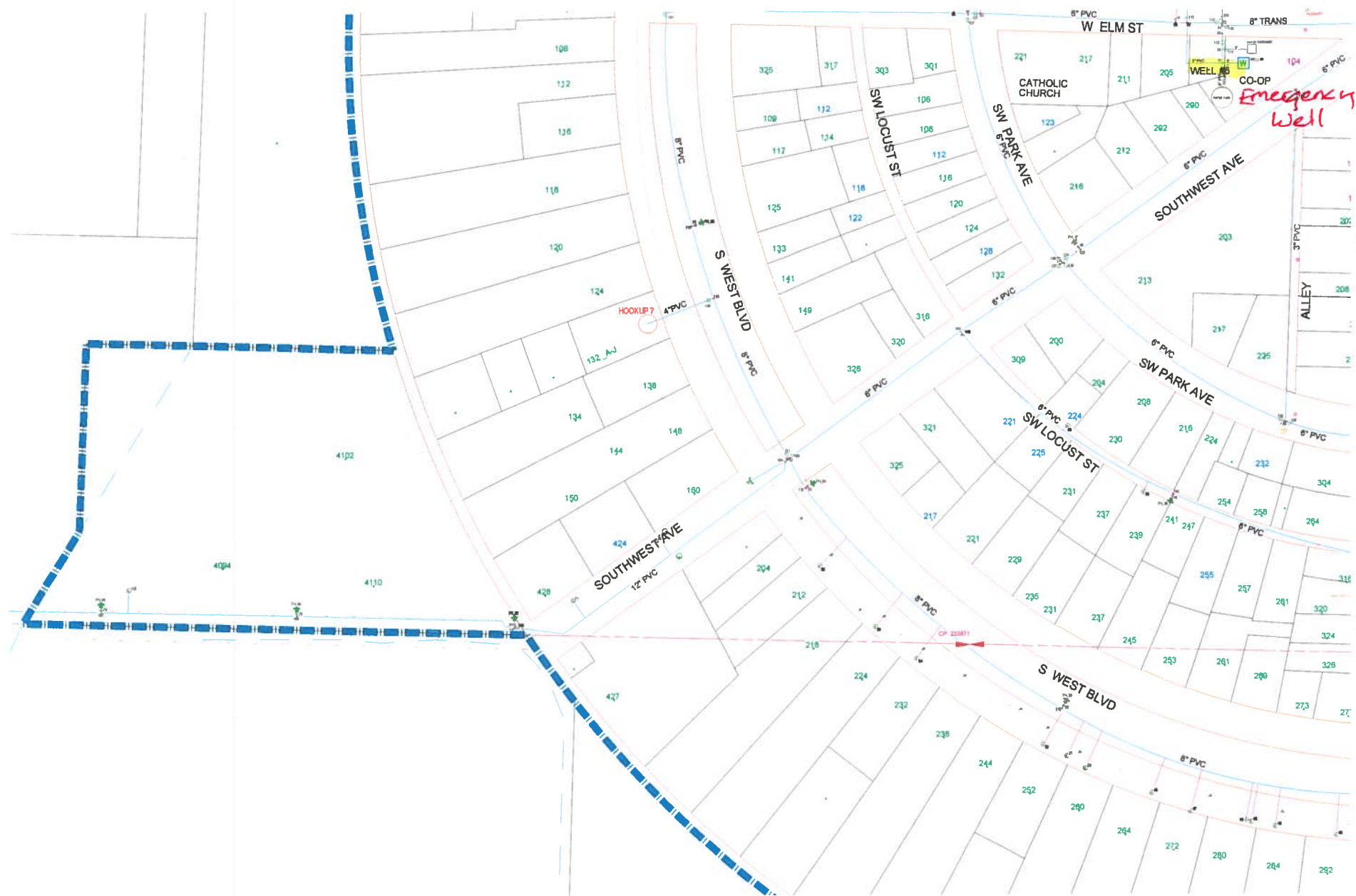
Distribution + Well locations



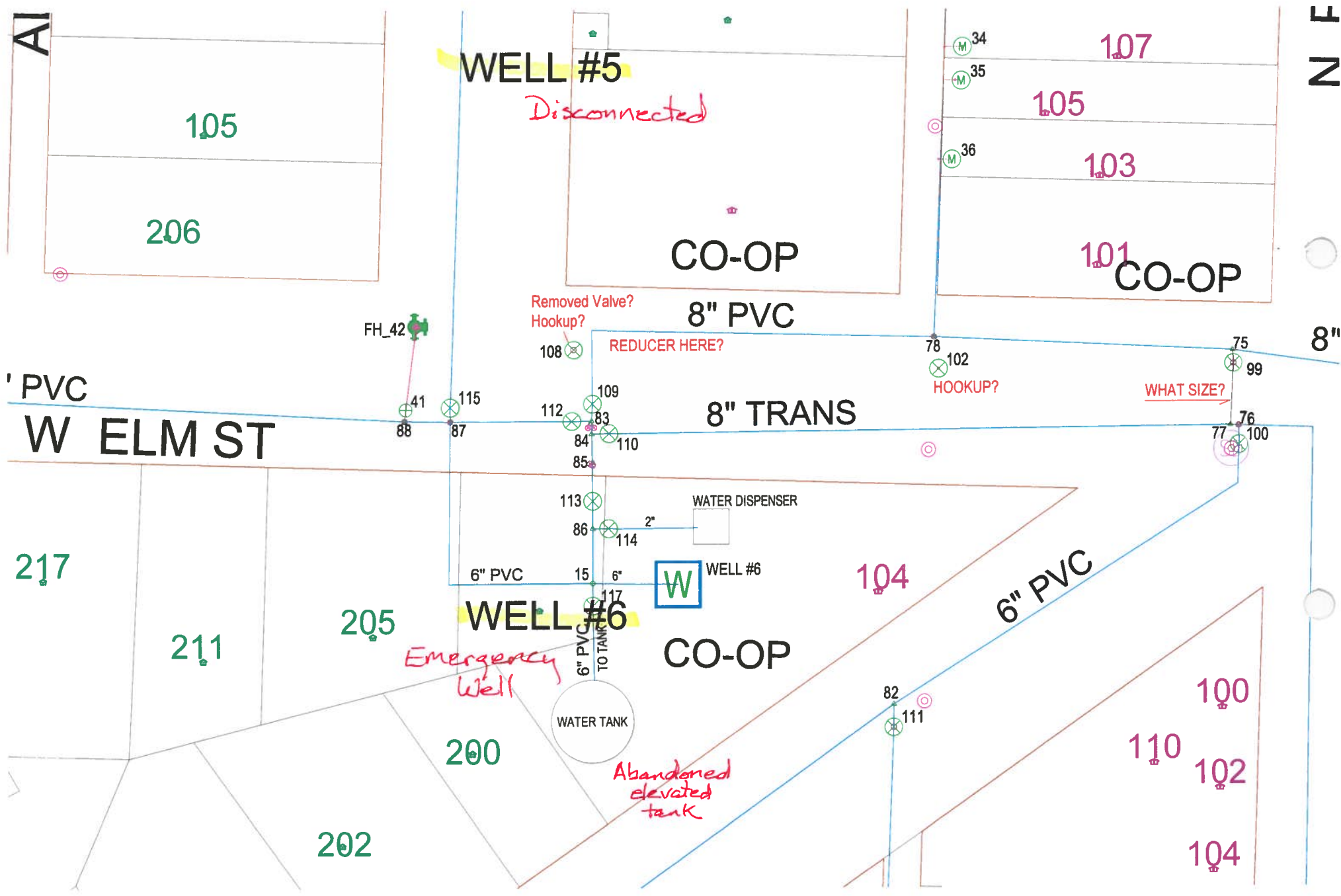
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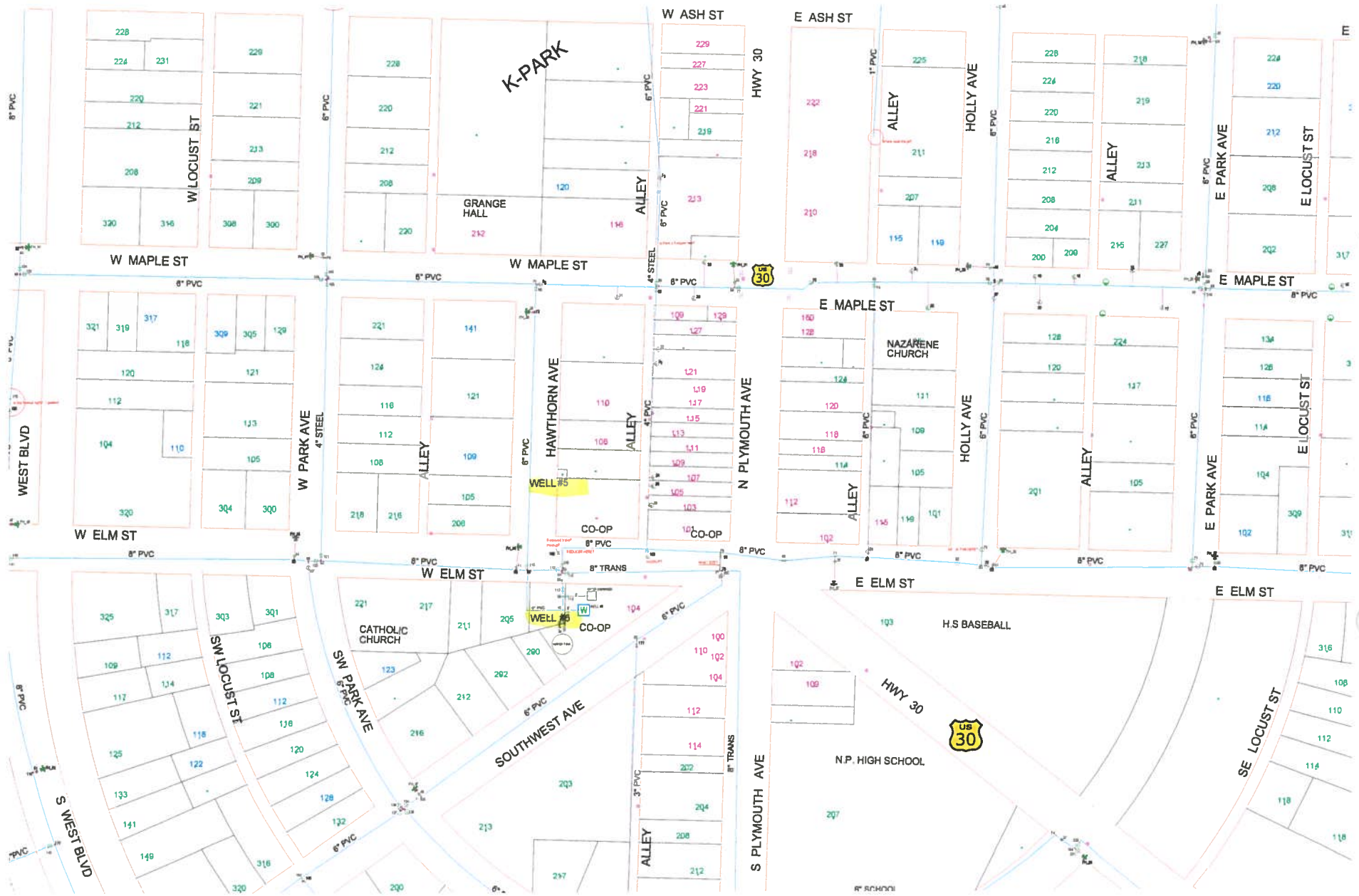


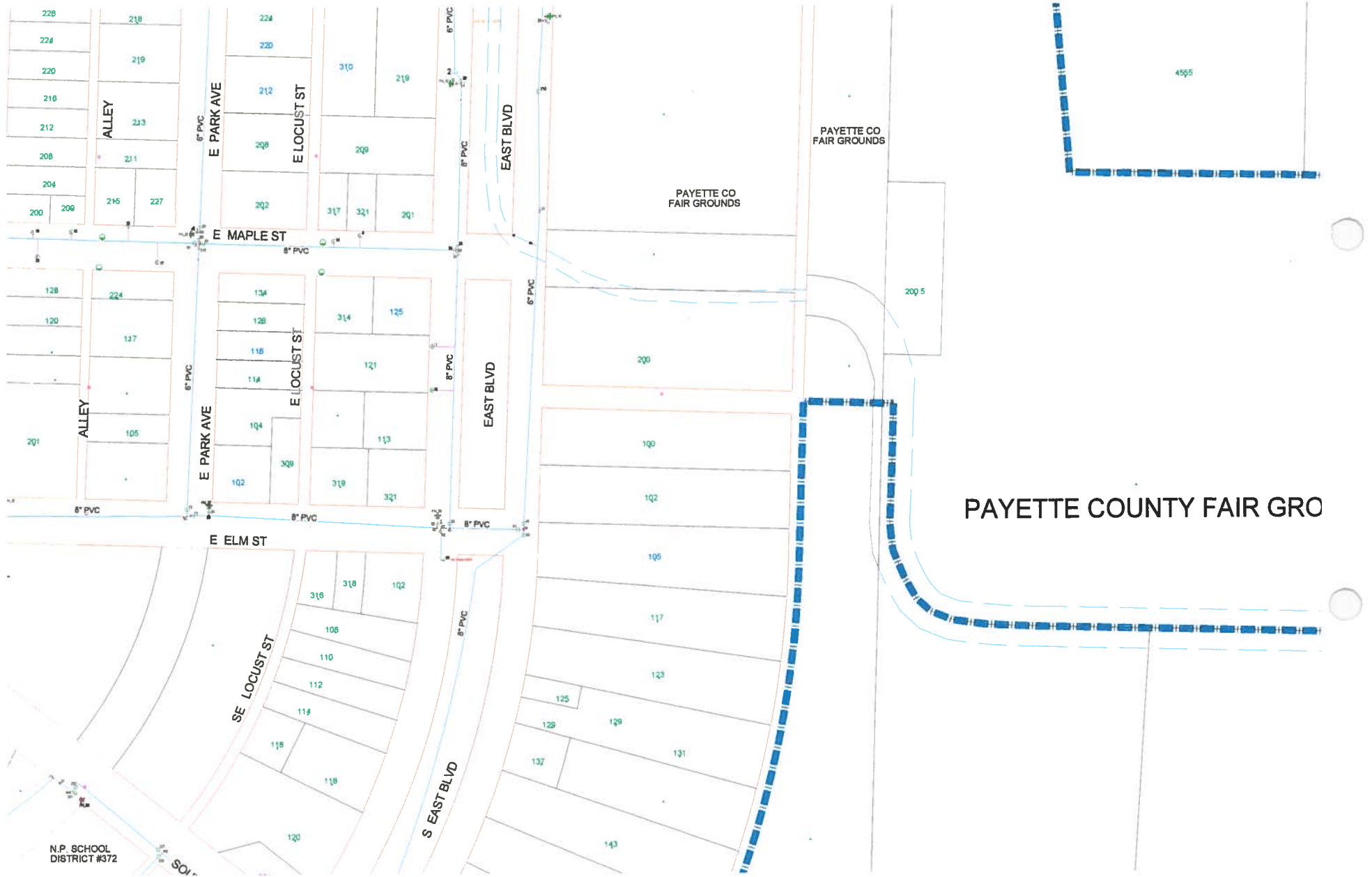
CP: 21063
CP: 23387

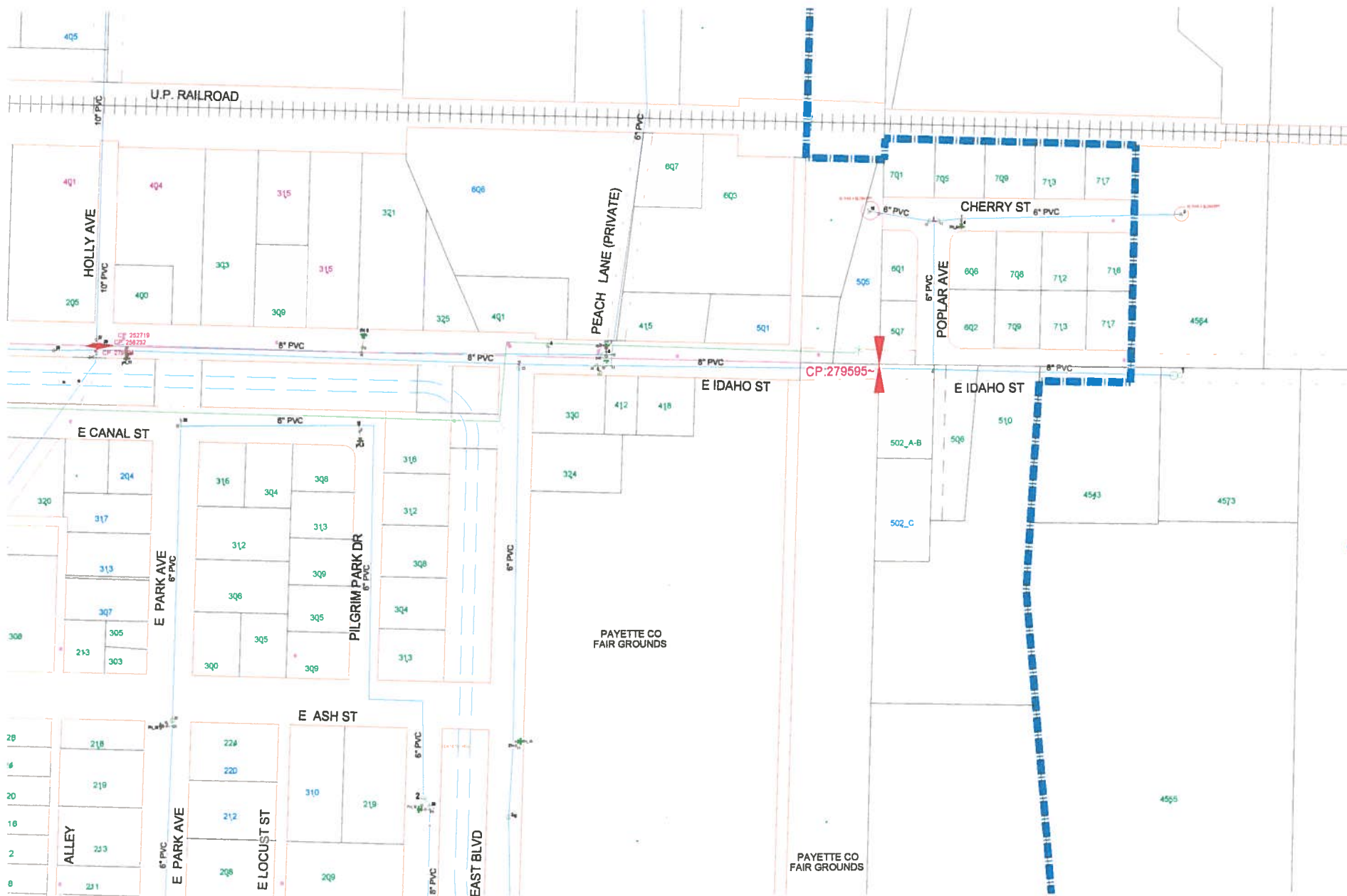


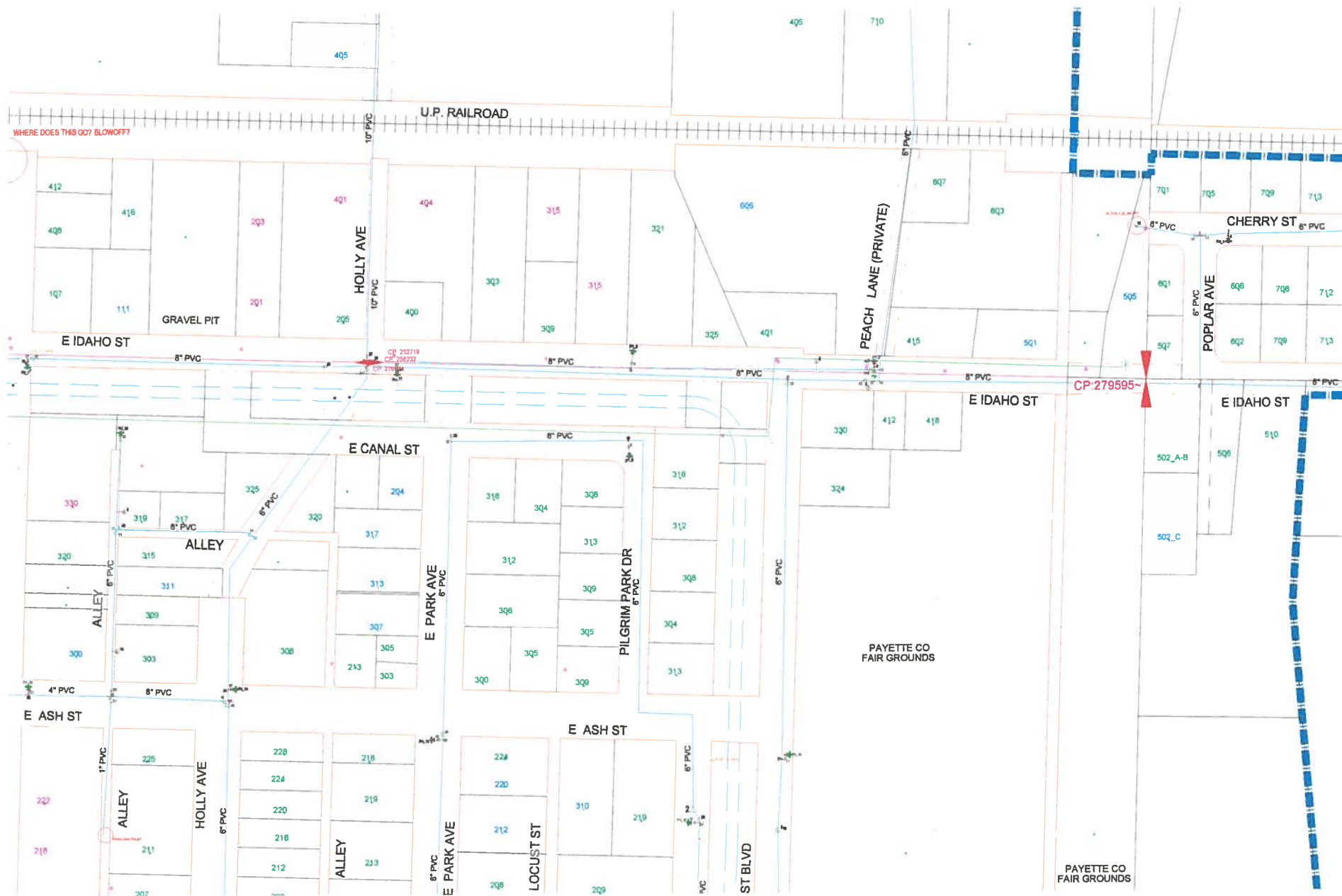


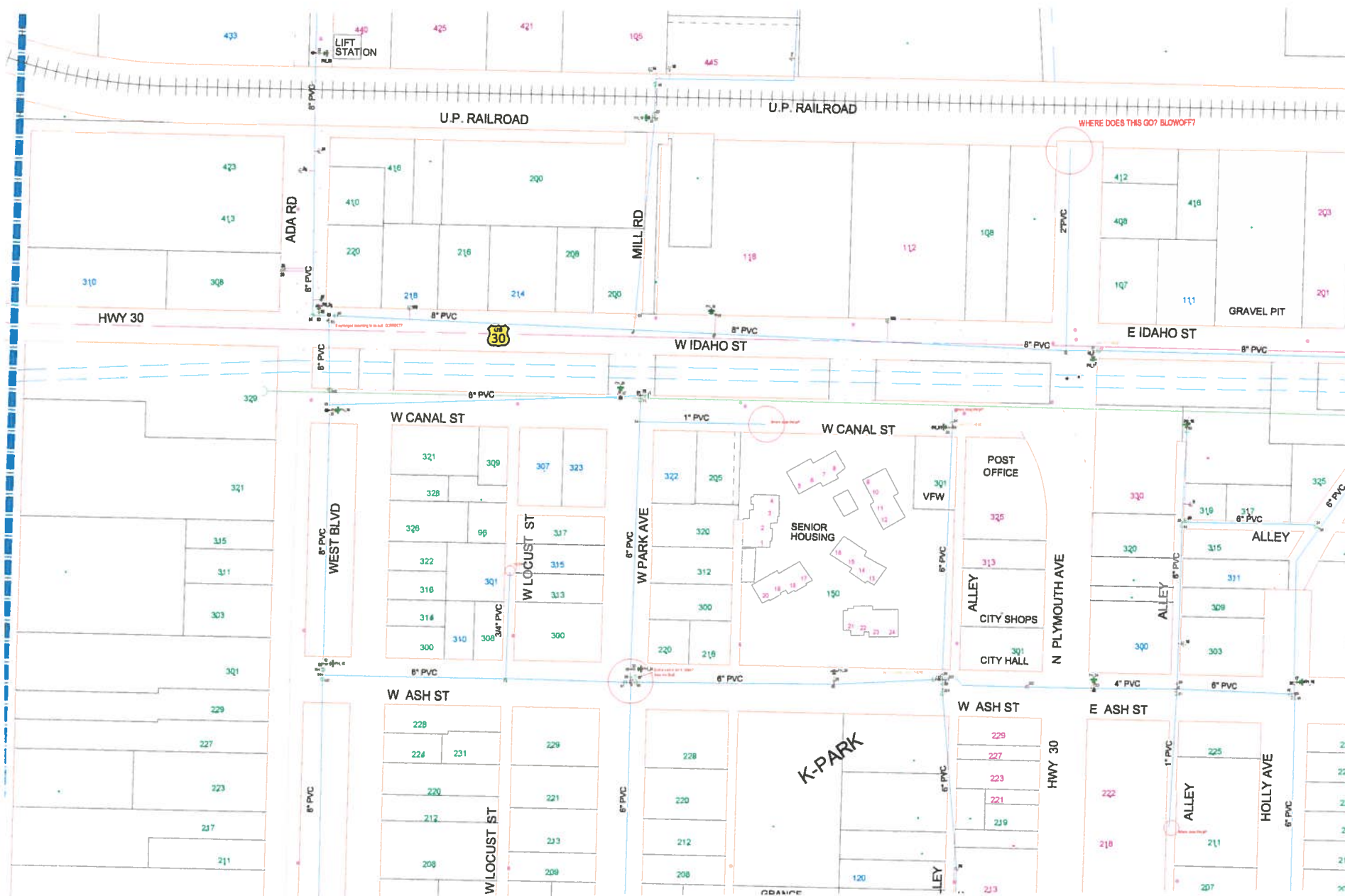




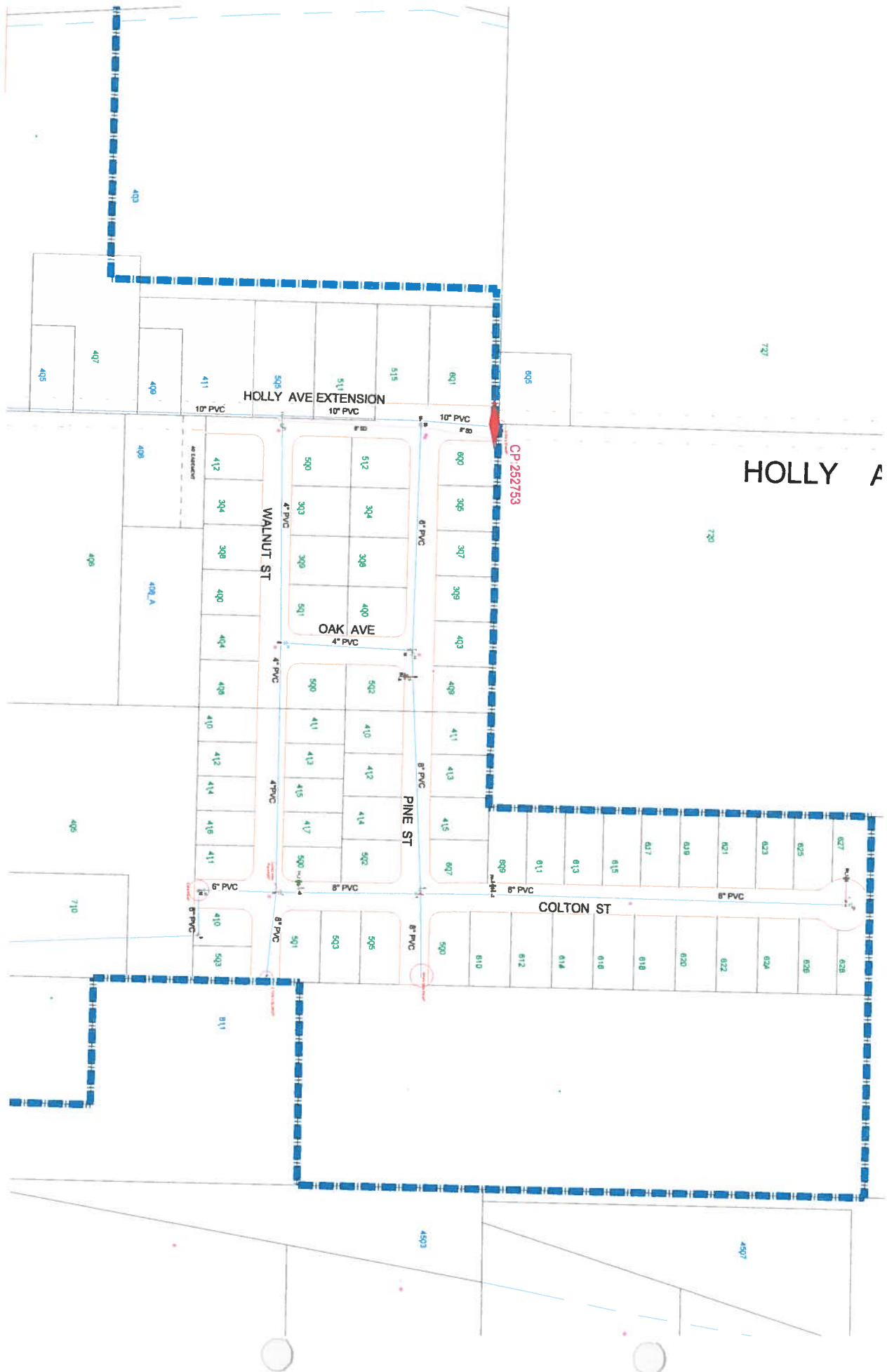














832
BUS BARN

I THINK THIS DETAIL WAS DRAWN UPSIDE DOWN
NP DETAIL #1

CP: 233873
CP: 336161

CHECK HOOKUP

S PLYMOUTH AVE

10" TRANS
12" DIST

ASPEN ST

8" PVC

8" PVC

WELL #7
938

4330

4320

4263

4275

4287

4291

819

804

825

806

833

901

911

917

923

931

8" TRANS

WAS DRAWN UPSIDE DOWN

AIL #1

HOOKUP

ARV1

101

HOOKUP?

2

938

WELL #7

WELL #7

188

190

213

16

178

191

17

178

17

178

17

178

17

178

17

178

17

178

17

178

17

178

17

178

17

178

17

S PLYMOUTH AVE

10" TRANS

12" DIST

96

SC

SC

97

SC

98

SC

99

SC

100

SC

101

SC

102

SC

103

SC

104

SC

105

SC

106

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133

SC

134

SC

901

911

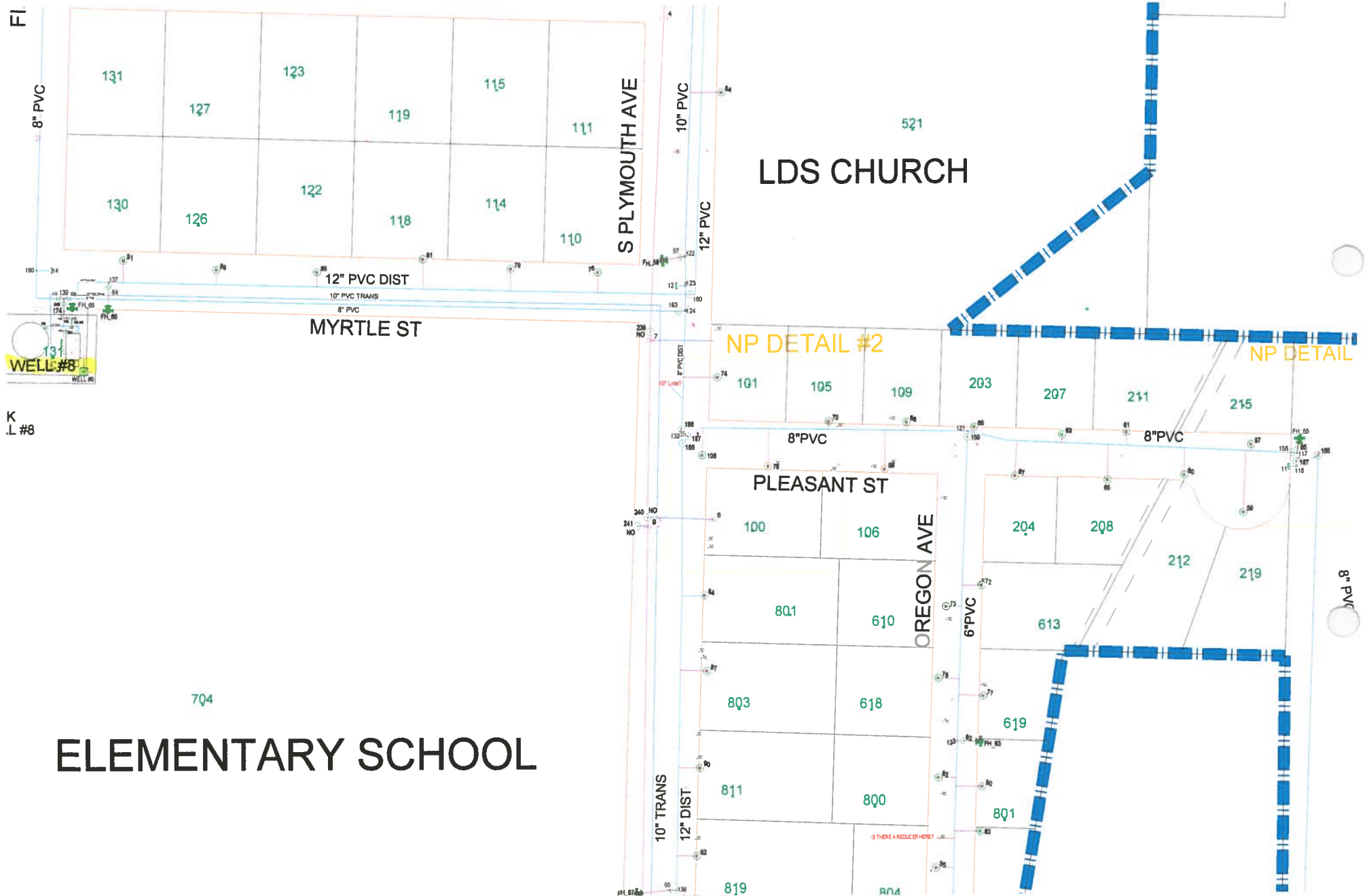
917

923

931

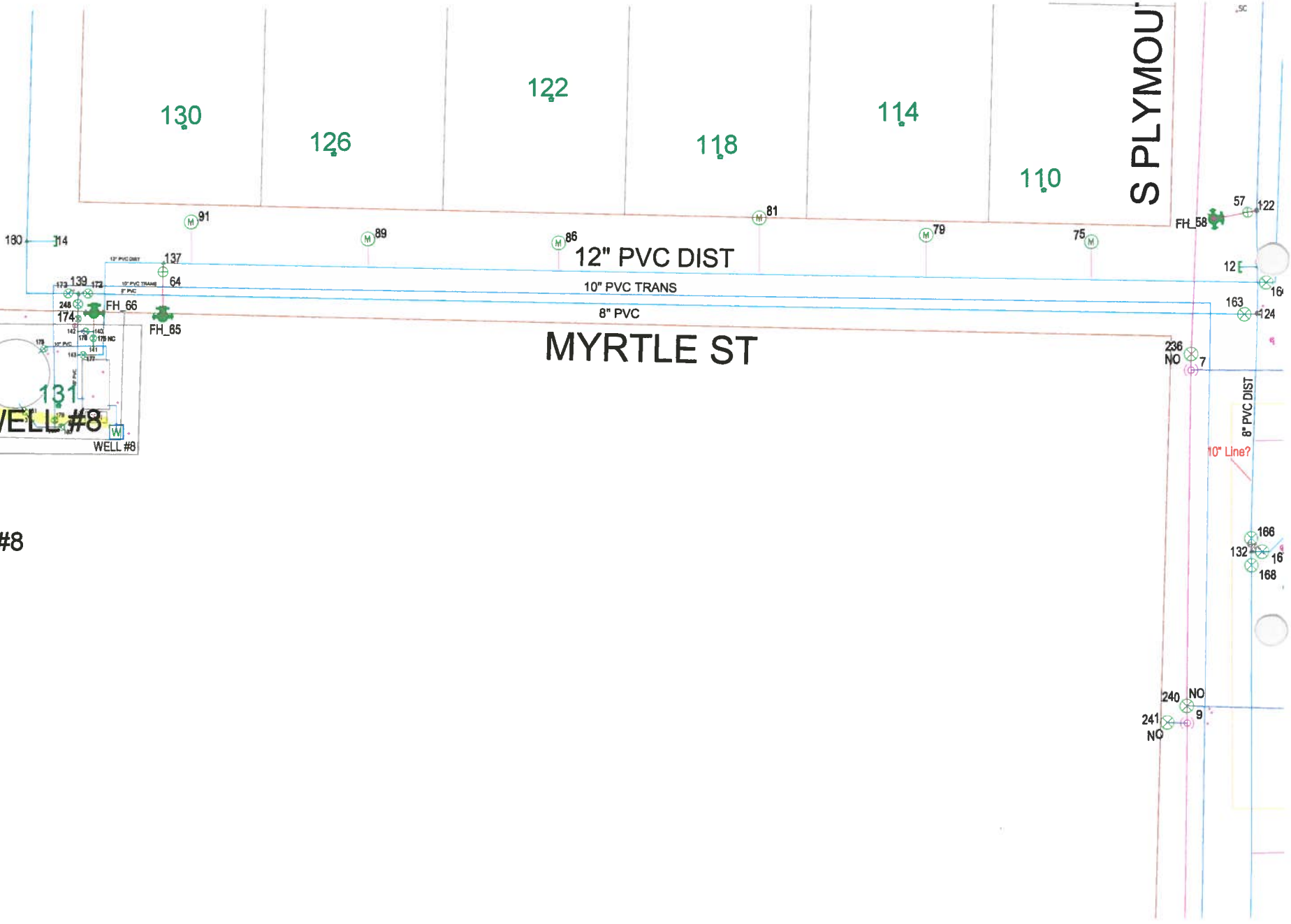
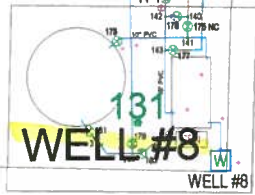
4320

8" PVC

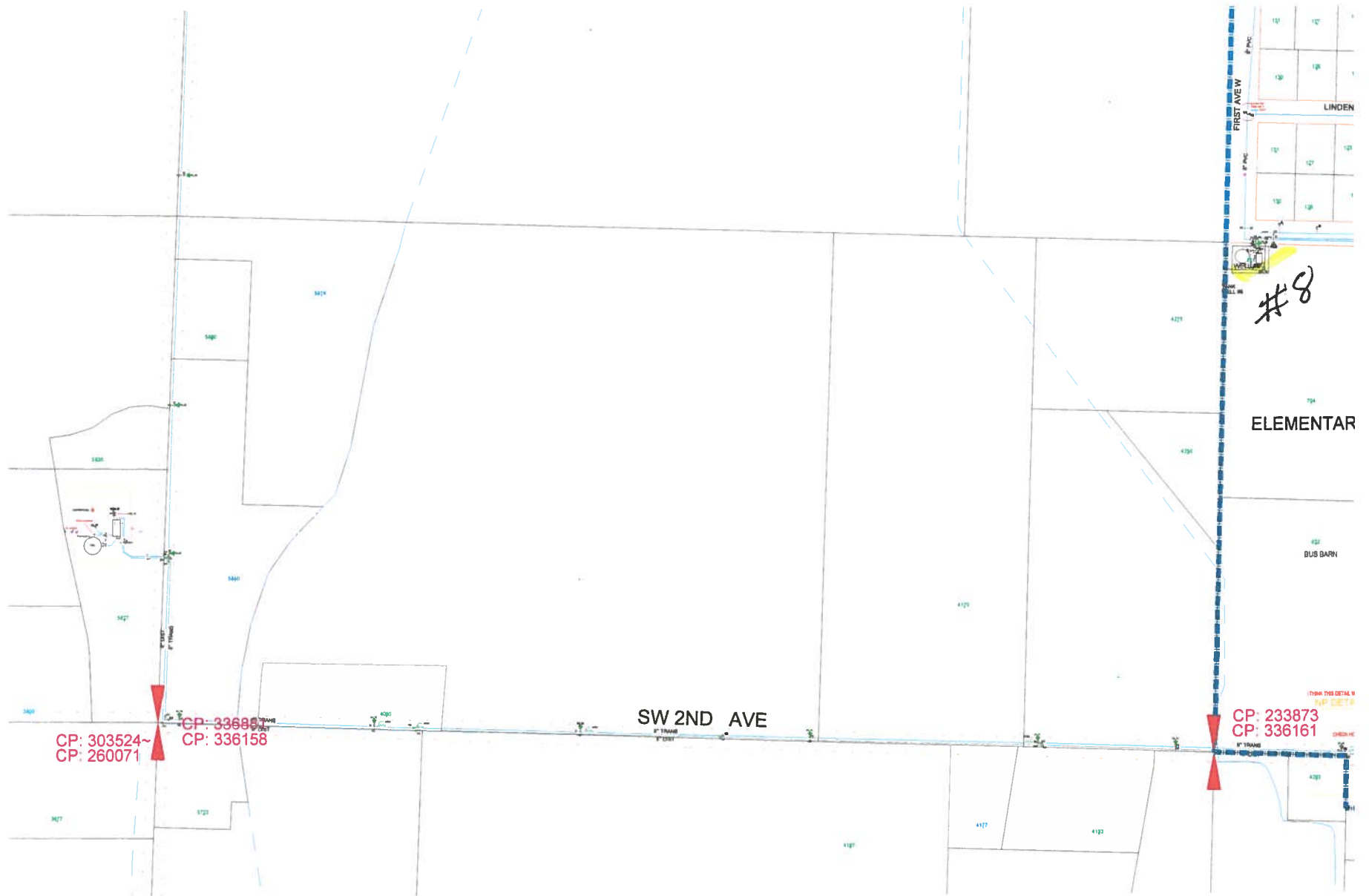




TANK
WELL #8



SPLYMOU



CP: 303524~
CP: 260071

CP: 336895
CP: 336158

SW 2ND AVE

CP: 233873
CP: 336161

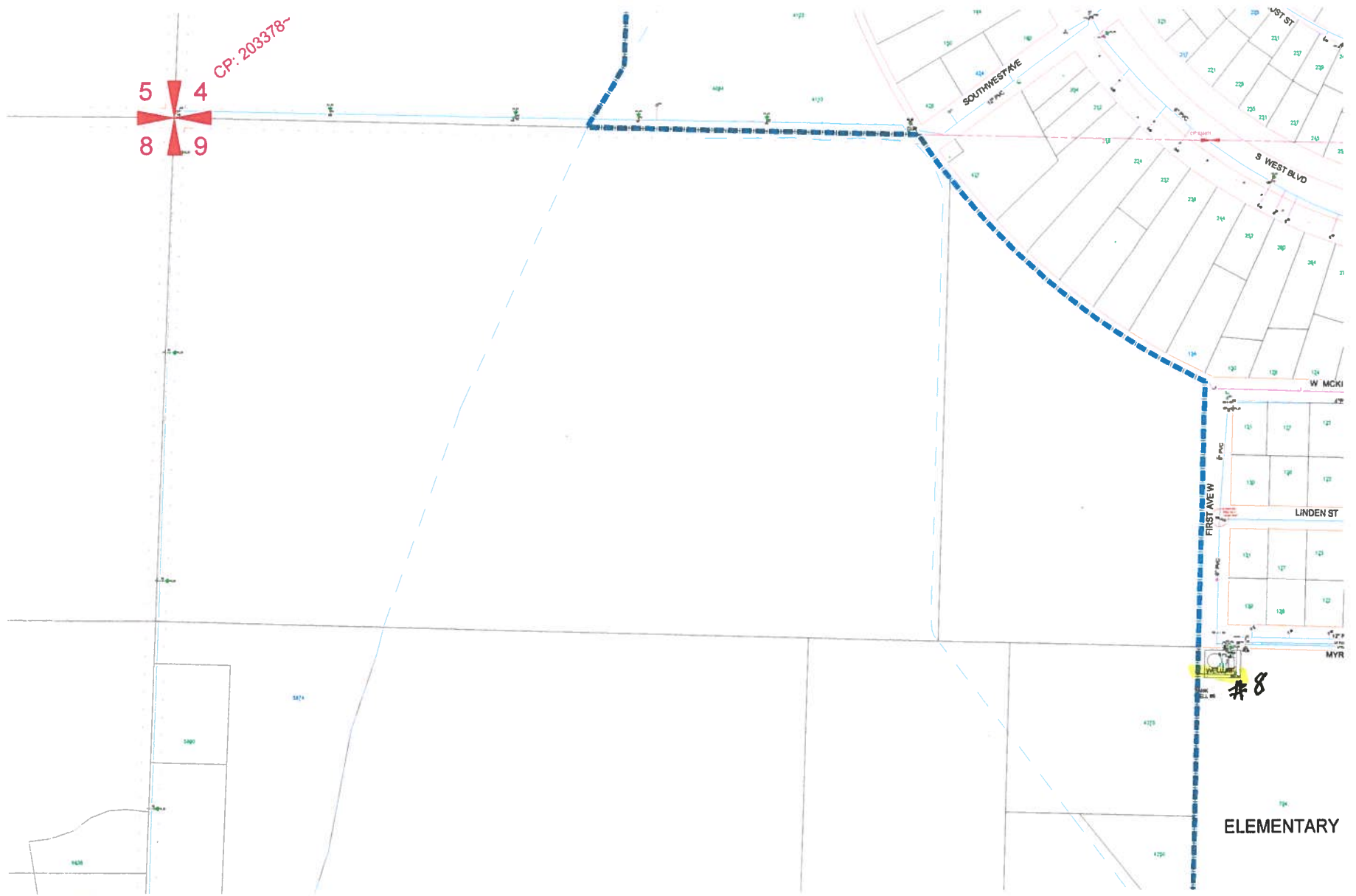
#8

ELEMENTAR

BUS BARN

LINDEN

(THINK THIS DETAIL IS
NOT DETAIL)



ELEMENTARY

5860

5835

5840

5827

8" DIST
8" TRANS

CP: 303524~
CP: 260071

CP: 336881
CP: 336158

8" TRANS
8" DIST

4080

SW 2ND AVE

8" TRANS
8" DIST

5722

