



**PWSID: MT0004284 Name: UTILITY SOLUTIONS ZOOT NORTH STAR**

**City: BOZEMAN**

**County: GALLATIN**

**Tot Pop:875**

**Pri Src: GW**

**Class: C**

**Last Snty Srv Dt: 10/30/2008**

**Activity Status: A**

Type	Conn's	In Srvc Dts	Eff Begin Dt	Avg Daily Cnt	Type
CM	2	1/1-12/31	10/30/2008	400	R
RS	150	1/1-12/31	10/30/2008	400	NT
		1/1-12/31	10/30/2008	75	T

**Administrative Contact**  
CAMPBELL, BARBARA

**Financial Contact**  
ELLINGSON, AMY

**Operator**  
CAMPBELL, LORRIE A.

**Operator**  
ONEIL, STEVE A

**Operator**  
ROBERTS, C. RUSTY

**Operator**  
CAMPBELL, ERIC G

**Owner**  
UTILITY SOLUTIONS

**Owner**  
CAMPBELL, BARBARA

### Facilities and Entry Points

**Status: A 10/30/2008** **Fac ID** CH001 **COMMON HEADER ZOOT** **Src: GW**  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
EP502	I	06/14/2006 INACT EP WELL 1 2 3

**Status: A 10/30/2008** **Fac ID** CH002 **COMMON HEADER NORTH STAR** **Src: GW**  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
RW002	A	03/16/2010 RW SP AT CH NORTH STAR FOR WELLS

**Status: A 12/06/2002** **Fac ID** DS001 **DISTRIBUTION SYSTEM** **Src: GW**  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
DBPMAX1	A	04/20/2007 DBP FOR DS
SP001	A	12/06/2002 SP FOR DS

**Status: A 06/14/2006** **Fac ID** PC001 **PRESSURE CONTROL ZOOT** **Src: GW**  
**Lat/Long Dec:** **DMS:**

**Status: A 10/30/2008** **Fac ID** PC002 **PRESSURE CONTROL NORTH STAR BOOSTER** **Src: GW**



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(continued)

**Status:** A 10/30/2008 **Fac ID** **PC002** **PRESSURE CONTROL NORTH STAR BOOSTER** **Src:** GW  
**Lat/Long Dec:** **DMS:**

**Status:** A 10/30/2008 **Fac ID** **PC003** **PRESSURE CONTOL MIDDLE CREEK BOOSTER** **Src:** GW  
**Lat/Long Dec:** **DMS:**

**Status:** A 10/30/2008 **Fac ID** **PF001** **PUMP FACILITY NORTH STAR** **Src:** GW  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
EP503	A	01/28/2009 EP FOR PF001

**Status:** A 10/30/2008 **Fac ID** **PF002** **PUMP FACILITY MIDDLE CREEK** **Src:** GW  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
EP504	I	03/09/2009 INACT EP FOR PF002

**Status:** A 10/30/2008 **Fac ID** **ST001** **STORAGE FACILITY NORTH STAR** **Src:** GW  
**Lat/Long Dec:** **DMS:**

**Status:** A 10/30/2008 **Fac ID** **ST002** **STORAGE FACILITY MIDDLE CREEK** **Src:** GW  
**Lat/Long Dec:** **DMS:**

**Status:** A 06/14/2006 **Fac ID** **TP001** **TREATMENT PLANT ZOOT** **Src:** GW  
**Lat/Long Dec:** **DMS:**  
**TP Units:** D423

Smp Pt ID	Status	Description
EP502	A	06/14/2006 EP FOR TP WELLS

**Status:** A 10/30/2008 **Fac ID** **TP002** **TREATMENT PLANT NORTH STAR** **Src:** GW  
**Lat/Long Dec:** **DMS:**  
**TP Units:** D423

Smp Pt ID	Status	Description
EPGWCL	A	10/30/2008 EP FOR TP002

**Status:** A 10/30/2008 **Fac ID** **TP003** **TREATMENT PLANT MIDDLE CREEK BOOSTER** **Src:** GW  
**Lat/Long Dec:** **DMS:**  
**TP Units:** D423

Smp Pt ID	Status	Description
EPGWCL	A	10/30/2008 EP FOR TP003

**Status:** A 12/06/2002 **Fac ID** **WL002** **ZOOT SOUTH WELL 1** **Src:** GW  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
RW002	A	09/07/2010 ZOOT SOUTH WELL 1

**Status:** A 12/06/2002 **Fac ID** **WL003** **ZOOT WELL 2** **Src:** GW  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
RW003	A	09/07/2010 ZOOT WELL 2



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**Status:** A 12/06/2002 **Fac ID** **WL004** **ZOOT WELL 3** **Src:** GW  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
RW004	A	09/07/2010 ZOOT WELL 3

**Status:** A 10/30/2008 **Fac ID** **WL005** **NORTH STAR WELL 1** **Src:** GW  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
RW005	A	09/07/2010 NORTH STAR WELL 1

**Status:** A 03/20/2009 **Fac ID** **WL006** **NORTH STAR WELL 2** **Src:** GW  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
RW006	A	09/07/2010 NORTH STAR WELL 2

**Status:** A 03/20/2009 **Fac ID** **WL007** **NORTH STAR WELL 3** **Src:** GW  
**Lat/Long Dec:** **DMS:**

Smp Pt ID	Status	Description
RW007	A	09/07/2010 NORTH STAR WELL 3

**Sample Schedules/Monitoring Requirements**

**Fac ID:** DS001 **Fac Name:** DISTRIBUTION SYSTEM **Status:** A **Src:**GW

Smp Pt I	Active	Smp Pt Descriptio
SP001	A	SP FOR DS

Group	Name	Schd Beg Dat	Seas Coll Pe	Requiremen
3100	COLIFORM (TCR)	08/01/2007	1/1-12/31	1 RT MN

**Fac ID:** DS001 **Fac Name:** DISTRIBUTION SYSTEM **Status:** A **Src:** GW

Smp Pt I	Active	Smp Pt Descriptio
SP001	A	SP FOR DS

Group	Name	Schd Beg Dat	Init MP Be	Seas Coll Pe	Requiremen
ASBE	CDS ASBESTOS	01/01/2002	01/01/2002	1/1-12/31	1 RT 9Y
CDBP	CDS DISINFECTANT BPS	01/01/2009	01/01/2009	7/1-9/30	1 RT 3Y
PBCU	CDS LEAD COPPER ONLY	01/01/2008	01/01/2008	6/1-9/30	5 RT 3Y

**Fac ID:** PF001 **Fac Name:** PUMP FACILITY NORTH STAR **Status:** A **Src:** GW

Smp Pt I	Active	Smp Pt Descriptio
EP503	A	EP FOR PF001

Group	Name	Schd Beg Dat	Init MP Be	Seas Coll Pe	Requiremen
ARSE	CDS ARSENIC	01/01/2008	01/01/2009	1/1-12/31	1 RT 3Y
COMB	CDS RADIUMS COMBINED	01/01/2008	01/01/2008	1/1-12/31	1 RT 9Y
GRAL	CDS RAD GROSS ALPHA	01/01/2008	01/01/2009	1/1-12/31	1 RT 9Y
INO1	CDS P2-5 INORGANICS	01/01/2008	01/01/2009	1/1-12/31	1 RT 3Y
NITR	CDS NITRATE NITRITE	01/01/2009	01/01/2009	1/1-12/31	1 RT YR
SOC1	CDS SOC	01/01/2008	01/01/2009	1/1-12/31	1 RT 3Y



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**Fac ID: PF001 Fac Name: PUMP FACILITY NORTH STAR Status A Src GW**

Group	Name	Schd Beg Dat	Init MP Be	Seas Coll Pe	Requiremen
VOC1	CDS VOC	01/01/2008	01/01/2009	1/1-12/31	1 RT 3Y

**Fac ID: TP001 Fac Name: TREATMENT PLANT ZOOT Status A Src GW**

Smp Pt I	Active	Smp Pt Descriptio
EP502	A	EP FOR TP WELLS

Group	Name	Schd Beg Dat	Init MP Be	Seas Coll Pe	Requiremen
ARSE	CDS ARSENIC	01/01/2008	01/01/2008	1/1-12/31	1 RT 3Y
COMB	CDS RADIUMS COMBINED	01/01/2011	01/01/2011	1/1-12/31	1 RT 9Y
GRAL	CDS RAD GROSS ALPHA	01/01/2011	01/01/2011	1/1-12/31	1 RT 9Y
INO1	CDS P2-5 INORGANICS	01/01/2008	01/01/2008	1/1-12/31	1 RT 3Y
NITR	CDS NITRATE NITRITE	01/01/2009	01/01/2009	1/1-12/31	1 RT YR
SOC1	CDS SOC	01/01/2008	01/01/2009	1/1-12/31	1 RT 3Y
VOC1	CDS VOC	01/01/2009	01/01/2009	1/1-12/31	1 RT YR

**Bacti Results**

FROM 01/01/2010 TO 10/21/2010

Collection D	Lab Number	Type	Orig Lab #	Code	TCR Presenc	Fec/EC Result
09/07/2010	B10090532-003A	RT	3014	E. COLI	A	-
09/07/2010	B10090532-003A	RT	3100	COLIFORM (TCR)	A	-
09/07/2010	B10090532-004A	RT	3100	COLIFORM (TCR)	A	-
09/07/2010	B10090532-004A	RT	3014	E. COLI	A	-
08/02/2010	B10080174-003A	RT	3100	COLIFORM (TCR)	A	-
08/02/2010	B10080174-003A	RT	3014	E. COLI	A	-
08/02/2010	B10080174-004A	RT	3014	E. COLI	A	-
08/02/2010	B10080174-004A	RT	3100	COLIFORM (TCR)	A	-
07/06/2010	B10070399-001A	RT	3100	COLIFORM (TCR)	A	-
07/06/2010	B10070399-001A	RT	3014	E. COLI	A	-
07/06/2010	B10070399-002A	RT	3100	COLIFORM (TCR)	A	-
07/06/2010	B10070399-002A	RT	3014	E. COLI	A	-
06/07/2010	B10060712-003A	RT	3014	E. COLI	A	-
06/07/2010	B10060712-003A	RT	3100	COLIFORM (TCR)	A	-
06/07/2010	B10060712-004A	RT	3100	COLIFORM (TCR)	A	-
06/07/2010	B10060712-004A	RT	3014	E. COLI	A	-
05/03/2010	B10050136-001A	RT	3100	COLIFORM (TCR)	A	-
05/03/2010	B10050136-001A	RT	3014	E. COLI	A	-
05/03/2010	B10050136-002A	RT	3100	COLIFORM (TCR)	A	-
05/03/2010	B10050136-002A	RT	3014	E. COLI	A	-
04/05/2010	B10040351-001A	RT	3100	COLIFORM (TCR)	A	-
04/05/2010	B10040351-001A	RT	3014	E. COLI	A	-
04/05/2010	B10040351-002A	RT	3100	COLIFORM (TCR)	A	-
04/05/2010	B10040351-002A	RT	3014	E. COLI	A	-
03/01/2010	B10030140-001A	RT	3100	COLIFORM (TCR)	A	-
03/01/2010	B10030140-001A	RT	3014	E. COLI	A	-



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Collection D	Lab Number	Type	Orig Lab #	Code	TCR Presenc	Fec/EC Result
03/01/2010	B10030140-002A	RT		3100 COLIFORM (TCR)	A -	
03/01/2010	B10030140-002A	RT		3014 E. COLI	A -	
02/01/2010	B10020153-003A	RT		3100 COLIFORM (TCR)	A -	
02/01/2010	B10020153-003A	RT		3014 E. COLI	A -	
02/01/2010	B10020153-004A	RT		3014 E. COLI	A -	
02/01/2010	B10020153-004A	RT		3100 COLIFORM (TCR)	A -	
01/04/2010	B10010142-001A	RT		3100 COLIFORM (TCR)	A -	
01/04/2010	B10010142-001A	RT		3014 E. COLI	A -	
01/04/2010	B10010142-002A	RT		3014 E. COLI	A -	
01/04/2010	B10010142-002A	RT		3100 COLIFORM (TCR)	A -	

**Chemical Results**

FROM 01/01/2010 TO 10/21/2010

Fac ID: DS001 Fac Name: DISTRIBUTION SYSTEM Avl:P Status: A Src: GW  
Smp Pt ID: DBPMAX1 Status: A Description: DBP FOR DS Src Typ FN

Analyte/CAS No	Code	Analyte Name	Type	Collection D	Lab	Sample Numbe	Result
OC	2950	TTHM	RT	06/17/2010	08	B10061815-001A	15.00 UG/L
OC	2456	TOTAL HALOACETIC ACIDS (HAA5)	RT	06/17/2010	08	B10061815-001B	3.2 UG/L

Fac ID: PF001 Fac Name: PUMP FACILITY NORTH STAR Avl:P Status: A Src: GW  
Smp Pt ID: EP503 Status: A Description: EP FOR PF001 Src Typ FN

Analyte/CAS No	Code	Analyte Name	Type	Collection D	Lab	Sample Numbe	Result
RA	4010	COMBINED RADIUM (-226 & -228)	RT	03/01/2010	24	B10030179-001A	1.1 PCI/L
RA	7440-61-1	4006 COMBINED URANIUM	RT	03/01/2010	24	B10030179-001A	0.001 MG/L
RA	4000	GROSS ALPHA, EXCL. RADON & U	RT	03/01/2010	24	B10030179-001A	1 PCI/L
RA	13982-63-3	4020 RADIUM-226	RT	03/01/2010	24	B10030179-001A	< MRL 1 PCI/L
RA	15262-20-1	4030 RADIUM-228	RT	03/01/2010	24	B10030179-001A	1.1 PCI/L
IOC	1038	NITRATE-NITRITE	RT	03/01/2010	08	B10030179-001B	2.17 MG/L

Fac ID: TP001 Fac Name: TREATMENT PLANT ZOOT Avl:P Status: A Src: GW  
Smp Pt ID: EP502 Status: A Description: EP FOR TP WELLS Src Typ FN

Analyte/CAS No	Code	Analyte Name	Type	Collection D	Lab	Sample Numbe	Result
IOC	1038	NITRATE-NITRITE	RT	03/01/2010	08	B10030179-002A	0.43 MG/L

**Lead & Copper Sample Summaries**

FROM 01/01/1992 TO 10/21/2010

Period Begin	Period End	Collection End	Type	Period Name	Code	Count	Measure	UoM
01/01/2008	12/31/2010	07/08/2008	3Y	3YR 08-10	PB90	5	.001	MG/L
01/01/2008	12/31/2010	07/08/2008	3Y	3YR 08-10	CU90	5	.115	MG/L
01/01/2007	12/31/2007	08/28/2007	YR	YR 2007	PB90	5	.0015	MG/L
01/01/2007	12/31/2007	08/28/2007	YR	YR 2007	CU90	5	.07	MG/L
01/01/2006	06/30/2006	05/16/2006	6M	1ST 6M 06	PB90	5	.0015	MG/L
01/01/2006	06/30/2006	05/16/2006	6M	1ST 6M 06	CU90	5	.245	MG/L
07/01/2005	12/31/2005	11/22/2005	6M	2ND 6M 05	PB90	5	.0055	MG/L
07/01/2005	12/31/2005	11/22/2005	6M	2ND 6M 05	CU90	5	.345	MG/L
01/01/2005	06/30/2005	03/21/2005	6M	1ST 6M 05	PB90	5	.0025	MG/L
01/01/2005	06/30/2005	03/21/2005	6M	1ST 6M 05	CU90	5	.53	MG/L
07/01/2004	12/31/2004	07/02/2004	6M	2ND 6M 04	PB90	5	.013	MG/L
07/01/2004	12/31/2004	07/02/2004	6M	2ND 6M 04	CU90	5	.89	MG/L
01/01/2004	06/30/2004		6M	1ST 6M 04	PB90	5	.013	MG/L
01/01/2004	06/30/2004		6M	1ST 6M 04	CU90	5	.89	MG/L
01/01/2003	06/30/2003	06/28/2003	6M	1ST 6M 03	PB90	5	.005	MG/L
01/01/2003	06/30/2003	06/28/2003	6M	1ST 6M 03	CU90	5	.59	MG/L



**PWSID: MT0004284 Name: UTILITY SOLUTIONS ZOOT NORTH STAR**

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## Violations & Enforcements

**FROM 01/01/2010 TO 10/21/2010**

Viol Date	Comp Beg	Comp End	Fed F	Type	Sev	Cate	Code	Name
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