APPENDIX B

Field Logs

Semiannual Groundwater Monitoring and Annual Sediment Sampling and Quarterly Inspections

2008

CHARLES GIBSON SITE

(PINE AND TUSCARORA SITE)

NIAGARA FALLS, NEW YORK

NYSDEC Registry No. 9-32-063

DATE: <u>2/12/2008</u>	TIME:	800	
INSPECTOR: Walker	toolers and the second	_COMPANY:	Sevenson
WEATHER:			
REASON FOR INSPECTION (QUARTERLY	OR OTHER <u>):</u>	Drive by inspection, noticed damag
subsidence (sinking and rodent burrows	site condition i), ponded wa . For site sec	s note existence of ater, stressed veget curity, note absence	BLE A=ACCEPTABLE bare areas (number,size), cracks, tation, soil discoloration or seeps, e of locks, gates open or damaged, ther unusual occurences.)
		COM	MENTS
ACCESS ROAD	Α		
COVER VEGETATION	Α		
TREES	<u>A</u>		
LITTER	Α	<u> </u>	
EROSION (CAP)	Α		
EROSION (BANK)	<u>A</u>		
SECURITY:			
FENCE/LOCKS	U		
PIEZOMETERS/LOCKS	<u>A</u>		
MONITORING WELLS/LOCKS	Α		
MANHOLES/LIDS/LOCKS	<u>A</u>	_	
ELECTRICAL PANEL	<u>A</u>		No. 1 Control of the
ADDITIONAL COMMENTS:	During a	outine drive by, I n	oticed the wodden fence facing
Fuscorora Rd. had sustained s	ome damage	. most likely due to	a wind storm the previuos 2 days.
did a quick site walk to make s	sure no otner	damage was evide	ent and then erected a temporary
safety fence as a barrier until F	οχ Fence coι	ıld come out an do	a permanent repair.
MW 4hrs.			
VIVV HIIIS.		T T T T T T T T T T T T T T T T T T T	
		410000	

THIS FORM TO BE USED FOR	QUARTER	LY AND ALL OTHER S	SITE INSPECTIONS
DATE: <u>2/13/2008</u>	TIME:	930	<u> </u>
INSPECTOR: Walker		_COMPANY:	Sevenson
WEATHER:			
REASON FOR INSPECTION (Q	UARTERLY	OR OTHER <u>):</u>	Fence repair follow up
subsidence (sinking) and rodent burrows.	, ponded wa For site sec	ter, stressed vegetatio	e areas (number, size), cracks, n, soil discoloration or seeps, locks, gates open or damaged,
		COMMEN	NTS
ACCESS ROAD	<u>A</u>	*****	
COVER VEGETATION	<u>A</u>		
TREES	<u>A</u>	- today	
LITTER	<u>A</u>		
EROSION (CAP)	Α		
EROSION (BANK)	<u>A</u>		
SECURITY:			
FENCE/LOCKS	Α	_	
PIEZOMETERS/LOCKS	Α		
MONITORING WELLS/LOCKS	Α		
MANHOLES/LIDS/LOCKS	Α		
ELECTRICAL PANEL	<u>A</u>		
ADDITIONAL COMMENTS:	Met on si	te with the crew from F	ox Fence to supervise
Repairs to the wind damaged fer	nce . Explain	ned how the steel fence	e posts should be drilled into the
bases of the former wooden pos	ts, and then	the wooden fence sho	uld be affixed to the steel posts.
This would eliminate the need to	dig new pos	st holes and possibly d	amage the cap cover or liner.
This procedure has worked in th	ie past, and	has worked again this	time, see attached pictures.
MW 2			
			

	4/3/2008	TIME:	730	
INSPECTO	R: C.Jones	S	_COMPANY:	Sevenson
WEATHER	:			
REASON F	OR INSPECTION (QUARTERL	Y OR OTHER <u>):</u>	Qtrly. Insp. and spring sample even
	subsidence (sinking and rodent burrows	site condition g), ponded wa . For site se	s note existence of ater, stressed veget curity, note absence	BLE A=ACCEPTABLE bare areas (number,size), cracks, ation, soil discoloration or seeps, of locks, gates open or damaged, ther unusual occurences.)
			СОМІ	MENTS
ACCESS R		<u>A</u>	***************************************	
	GETATION	<u>A</u>		
TREES LITTER		<u>A</u>	ninko	d un como trach blowing ground
EROSION	(CAD)	<u>A</u>	<u>picked</u>	d up some trash blowing around
EROSION		<u>A</u> A		
SECURITY				
FENCE/LO	CKS	Α	Fence	e on NW side needs minor maintenance
	ERS/LOCKS	A A	- 101100	S GITTER THAT HAVE BEEN AND THE STATE OF THE
	NG WELLS/LOCKS			
	S/LIDS/LOCKS	A		
ELECTRIC		<u>A</u>		
ADDITION	AL COMMENTS:			
ADDITION	AL COMMENTS.	Acceptance	***************************************	

DATE: <u>9/11/2008</u>	TIME:	1500	
INSPECTOR: C	Jones	COMPANY:	Sevenson
WEATHER:			
REASON FOR INSPECT	TION (QUARTERL	Y OR OTHER <u>):</u>	Fall 08
subsidence (s and rodent bu	neral site condition sinking), ponded w rrows. For site se	ns note existence of vater, stressed veget ecurity, note absence	BLE A=ACCEPTABLE bare areas (number, size), cracks, ation, soil discoloration or seeps, e of locks, gates open or damaged, ther unusual occurences.)
		COMI	MENTS
ACCESS ROAD COVER VEGETATION	<u>A</u>		
TREES	<u>A</u> A		
LITTER	A	few pl	astic bags were thrown out
EROSION (CAP)	A		
EROSION (BANK)	Α		
SECURITY:			
FENCE/LOCKS	А		
PIEZOMETERS/LOCKS	A	P-3 ha	as settled 2 inches
MONITORING WELLS/LO	OCKS A		
MANHOLES/LIDS/LOCK	S <u>A</u>		
ELECTRICAL PANEL	<u>A</u>		
ADDITIONAL COMMENT	ΓS:		
		ngga watan	TARINA EL-CALA-CO
			h
			114

DATE: <u>11/5/2008</u>		TIME:	900		
INSPECTOR:	M. Walker		COMPANY:	***************************************	Sevenson
WEATHER:	Sunny 60 F	:			
REASON FOR INSPEC	TION (OL	ADTEDI V	OB OTHERN		Fourth Ougster Inspection
NEAGON FOR INGILE	311011 (QC	ANTLINET	OR OTTER <u>y.</u>	***************************************	Fourth Quarter Inspection
GENERAL SITE CONE		aanditiana			A=ACCEPTABLE areas (number,size), cracks,
subsidence and rodent	(sinking), բ burrows․ F	onded wat or site sec	ter, stressed ve urity, note abse	getation, ence of lo	soil discoloration or seeps, cks, gates open or damaged, nusual occurences.)
Time only orgi	io di dvido	100 OT VAIN			
ACCESS ROAD		Α	-		
COVER VEGETATION		Α			
TREES		Α			124. 144.
LITTER		Α	-		
EROSION (CAP)		Α			
EROSION (BANK)		Α	_		
SECURITY:					
FENCE/LOCKS		A			
PIEZOMETERS/LOCK	S	A	_		
MONITORING WELLS	,	A			
MANHOLES/LIDS/LOC		A	···		
ELECTRICAL PANEL	•	A	- Disconnection		
ADDITIONAL COMMEI	NTS:				
	No. 20				
			3		
		THE LOCAL CO. L. C.			
			esta de acominante		

CHARLES GIBSON SITE NIAGARA FALLS, NEW YORK

NYSDEC REGISTRY NO. 9-32-063

GROUNDWATER SAMPLING FIELD PARAMETERS FIELD INSTRUMENTATION CALIBRATION FORM

DATE: 4/3/2008	}	SEMI-ANN	NUAL SAMI	PLING EVE	N <u>T:</u>	Sprin	g 2008
PERSON CALIBRATI	NG METER	<u>S:</u>	C. Jones				
pH METER USED:	MANUFAC	TURER:	Oakton				
	MODEL:		pH tester	3			
	IDENTIFIC	ATION/CO	NTROL NU	JMBER:	e-941		
	CALIBRAT	ION STAN	DARDS US	SED:			
		STANDAF	RD 7.00 ME	TER READ	:		7.00
		STANDAR	RD 4.00 ME	TER READ	:		4.01
METER C	ALIBRATIOI			ETER REAI	D <u>:</u>		10.09
SPECIFIC CONDUCT			Oolden C		Aatau	· · · · · · · · · · · · · · · · · · ·	
	MODEL:			onductivity [vieter		
				JMBER:	e-706		
	CALIBRAT						
	CALIBITAT						
		STANDAR		:			WATER)
		STANDAE		.RD 0 05EL 447			
				_			444
METER C	ALIBRATIOI				_ KEAD:		
	/ LIDI ((I I O I	TV OOMME	110.				
THERMOMETER US	ED.	TVPF	Digital		· · · · · · · · · · · · · · · · · · ·		
THERWONETER				Fischer So	cientific		
				NTROL NU			 9
	COMMENT						REE WITH
		SPECIFIC	CONDUC	TIVITY MET	ER TEMP	PERATU	IRE ?)
	OTHER:						
OTHER INSTRUMEN	ITS USED:						
		MANUFAC		NITTO L NII	IN ADED.		
				NTROL NU			, , , , , , , , , , , , , , , , , , ,
	CALIBRAT	IONS PER	FORMED:				
							· · · · · · · · · · · · · · · · · · ·
	N-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1				·····	· · · · · · · · · · · · · · · · · · ·	
OTHER CALIBRATIO	N COMMEN	NTS:					

RECORDED BY:	C. Jones	SAMPLING	SAMPLE ID:	MW-1R-0	40308 & MW7-040308
SAMPLED BY:	C.Jones		SAMPLING EVENT		
COMPANY:	Sevenson		MONITORING WEL	Milmon .	
		_	CONDITION:	OK	
GROUNDWATER P	URGE DATA	PURGE DA			
	M FROM TOP OF RISE		12.1 (FT.)	NOTE: AL	LL GIBSON SITE RING WELLS ARE
DEPTH TO WATER	FROM TOP OF RISER	•	4.01 (FT.)	2-INCH D	IAMETER STAIN-
	WATER COLUMN:		8.09 (FT.)	LESS STI	EEL. WELL DEPTHS:
	2" DIA. WELL CONS	T <u>ANT:</u>	0.16	MW-1R	12.10'
	ONE WELL VOLUME	=	1.29 (GALS)	MW-2 MW-A3	12.13' 11.95'
PURGE METHOD: BOTTOM OF WELL PURGE START TIM PURGE OBSERVAT	/SILT BUILDUP: IE: 1110	pump w/dec none STOP TIM	dicated tubing	MW-4 MW-5	13.75' 15.28'
FIELD PARAMETER	R MEASUREMENTS:				
WELL VOLUME	рН	SPECIFIC CONDUCT umhos/cm))	NOTES:
1	8.01	962		.9	Clear
2	7.88	975	7	'.8	Clear
3	7.87	983	7	'.7	Clear
<u>4</u> 5	7.85	989	7	. .8	Clear
TOTAL VOLUME PU	JRGED: 3.8	8 gallons	SAMPLE	E DATE:	4/3/2008
	DWATER X SEDIMENT		SAMPLE	E T <u>IME:</u> "MW-7"	1135 830
LOCATION:	Tuscarora Rd.				
SAMPLE METHOD:	P/Pump w/ dedicated	tubing.			
SAMPLING OBSER	VATIONS: Clear , No	Order		V	
QC SAMPLES TAKE	EN: Blind Duc	okicate taken	and labeled "MW-7"	for QC.	
OTHER OBSERVAT	TIONS/COMMENTS:	8-1liter am	ber bottles taken.		
Note: specific condu	ctivity formula to 25 deg	rees Celcius	SC meas : SC(25)= {{T-25)(0		

RECORDED BY:	C. Jones		SAMPLE ID:	MW5-040	0308
SAMPLED BY:	C.Jones		SAMPLING EVENT/	DATE:	4/3/2008
COMPANY:	Sevenson		MONITORING WELL	:	MW-5
			CONDITION:	OK	
GROUNDWATER F	PURGE DATA	PURGE D	ATE: 4/3/2008		
DEDTU TO DOTTO			45.00 (ST.)		LL GIBSON SITE
	M FROM TOP OF RIS		15.28 (FT.)		RING WELLS ARE
DEPTH TO WATER	R FROM TOP OF RISE		7.5 (FT.)		DIAMETER STAIN-
	WATER COLUMN		7.78 (FT.)		EEL. WELL DEPTHS:
	2" DIA. WELL CON		0.16	MW-1R	12.10'
	ONE WELL VOLU	ME=	1.24 (GALS)	MW-2 MW-A3	12.13'
PURGE METHOD:	Perista	tic pump w/de	dicated tubing	MW-4	11.95' 13.75'
BOTTOM OF WELL		none		MW-5	15.28'
PURGE START TIN PURGE OBSERVA		STOP TIM	M 1305		
TORGE OBGERVA	TIONO. Laibia a	Joicai			
FIELD PARAMETE	R MEASUREMENTS:				
) A / - 1 1		SPECIFIC			
WELL VOLUME	рН	CONDUC umhos/cm			NOTES:
1	6.73	1751	·····	_	Slightly turbid
2	6.71	1867	7 8.	 7	Clear
3	6.69	1861	1 8.	7	Clear
4	6.68	1869	8.	7	Clear
5					
TOTAL VOLUME P	URGED: 3	.73 gallons			
GROUNDWATER (OR SEDIMENT SAMP	LING DATA:	SAMPLE	DATE:	4/3/2008
	DWATER X SEDIMENT		SAMPLE	T <u>IME:</u>	1310
LOCATION:	MW-5, in field past	MW-4			
SAMPLE METHOD	: P/Pump w/ dedicat	ed tubing.			
SAMPLING OBSER	RVATIONS: Clear, I	No Odor			***************************************
QC SAMPLES TAK	EN: none		100 T		
OTHER OBSERVA	TIONS/COMMENTS:	4-1liter am	nber bottles	······································	
Note: specific condu	uctivity formula to 25 d	egrees Celcius	SC measures: SC(25)= {{T-25)(0.4)		

RECORDED BY:	C. Jones			SAMPLE I	ID:		
SAMPLED BY:	C.Jones		_	SAMPLING	G EVENT/D	ATE:	
COMPANY:	Sevensor	1	_	MONITOR	ING WELL	:	Manhole B
			-	CONDITIC	ON:	OK	
GROUNDWATER F	PURGE DAT.	 А	PURGE DA	ATE:	4/3/2008	3	
						NOTE: AI	LL GIBSON SITE
DEPTH TO BOTTO	M FROM TO	P OF RISEF	₹:		(FT.)	MONITO	RING WELLS ARE
DEPTH TO WATER	R FROM TOP	OF RISER:			_(FT.)	2-INCH D	NAMETER STAIN-
	WATER (COLUMN:			(FT.)	LESS ST	EEL. WELL DEPTHS:
	2" DIA. W	ELL CONST	ANT:	0.16	<u>;</u>	MW-1R	12.10'
PURGE METHOD:	ONE WEL	LL VOLUME	=		(GALS)	MW-2 MW-A3 MW-4	11.95'
BOTTOM OF WELL PURGE START TIN PURGE OBSERVA	ΛE:	UP:	STOP TIM	E:		MW-5	
FIELD PARAMETEI	R MEASURE	MENTS:					
WELL VOLUME 1	рН	_	SPECIFIC CONDUCT umhos/cm)		TEMP. (C OR F)	_	NOTES: Grab sample
2		,	***************************************		***************************************		Gran sample
3							
4		***************************************					·
5							
TOTAL VOLUME PI		0					
GROUNDWATER (OR SEDIMEN	IT SAMPLIN	IG DATA:		SAMPLE	DATE:	
	IDWATER SEDIMENT	X	- -		SAMPLE -	Γ <u>IME:</u>	
LOCATION:	Manhole I	В					
SAMPLE METHOD:	•		a franchista				
SAMPLING OBSER	RVATIONS:	NOT SAMI	PLED THIS	ROUND			
QC SAMPLES TAKI	EN:	no					
OTHER OBSERVAT	TIONS/COMI	MENTS:					
Note: specific condu	uctivity formul	la to 25 degr	ees Celcius	: SC(25)=	SC measu {{T-25}(0.0		

RECORDED BY:	C. Jones		SAMPLE ID:	MW_8	
SAMPLED BY:	C.Jones	s	SAMPLING EVENT/D	ATE:	4/3/2008
COMPANY:	Sevenson		ONITORING WELL	:	Field Blank
		C	CONDITION:	OK	
GROUNDWATER F	PURGE DATA	PURGE DAT	TE:		
DEPTH TO BOTTO	M FROM TOP OF RIS	ER:	(FT.)		LL GIBSON SITE RING WELLS ARE
DEPTH TO WATER	R FROM TOP OF RISEI	₹:	(FT.)	2-INCH E	DIAMETER STAIN-
	WATER COLUMN:		(FT.)		EEL. WELL DEPTHS:
	2" DIA. WELL CON	STANT:	,	MW-1R	12.10'
	ONE WELL VOLUM	IE=	(GALS)	MW-2 MW-A3	
PURGE METHOD: BOTTOM OF WELL PURGE START TIN PURGE OBSERVA	ΛE:	STOP TIM		MW-4 MW-5	13.75' 15.28'
FIELD PARAMETE	R MEASUREMENTS:				
WELL VOLUME	рН	SPECIFIC CONDUCTIV umhos/cm)	/ITY TEMP. (C OR F)		NOTES:
2					
3					
4					
5					
TOTAL VOLUME P	URGED:	gallons			
GROUNDWATER (OR SEDIMENT SAMPL	ING DATA:	SAMPLE	DATE:	4/3/2008
	DWATER		SAMPLE	T <u>IME:</u>	1540
LOCATION:	"MW-8" Field Blank				
SAMPLE METHOD	•		MANUARINA A		
SAMPLING OBSER	RVATIONS:	***************************************	***************************************		
QC SAMPLES TAK	EN: Field Bla	nk			
OTHER OBSERVA	TIONS/COMMENTS:	4-1liter ambe	er bottles taken.		
Note: specific condu	uctivity formula to 25 de	grees Celcius: S	SC measu SC(25)= {{T-25)(0.0		

RECORDED BY:	C. Jones	SAMPLE	ID:	MW4-040	308
SAMPLED BY:	C.Jones	SAMPLIN	G EVENT/D	ATE:	4/3/2008
COMPANY <u>:</u>	Sevenson	MONITOR	RING WELL:		MW-4
		CONDITI	ON:	OK	
GROUNDWATER P	URGE DATA	PURGE DATE:	4/3/2008		
DEPTH TO BOTTO	M FROM TOP OF RISE	R: 13.7:	5 (FT.)		L GIBSON SITE RING WELLS ARE
DEPTH TO WATER	FROM TOP OF RISER		9 (FT.)	2-INCH D	IAMETER STAIN-
	WATER COLUMN:		6 (FT.)		EEL. WELL DEPTHS:
	2" DIA. WELL CONS		• •	MW-1R	12.10'
	ONE WELL VOLUME		- 6 (GALS)	MW-2	12.13'
PURGE METHOD: BOTTOM OF WELL PURGE START TIM PURGE OBSERVAT	/SILT BUILDUP:	pump w/dedicated tub yes STOP TIM 1400 black flakesthen clearin)	MW-A3 MW-4 MW-5	11.95' 13.75' 15.28'
FIELD PARAMETER	R MEASUREMENTS:				
WELL VOLUME	рН	SPECIFIC CONDUCTIVITY umhos/cm)	TEMP. (C OR F)		NOTES:
1	7.91	1416	9.1	-	Orange, turbid
2	7.68	1590	8.5		Orange, turbid
3	7.66	1602	8.3		Slightly turbid
4	7.65	1611	8.3		Clear
5 TOTAL VOLUME PU	JRGED: 3.48	3 gallons	- North Market		
GROUNDWATER C	R SEDIMENT SAMPLI	NG DATA:	SAMPLE D	ATE:	4/3/2008
	OWATER X SEDIMENT	_ _	SAMPLE T	IME:	1410
LOCATION:	MW-4, On Autozone	property, east of bldg.			
SAMPLE METHOD:	P/Pump w/ dedicated	tubing.			
SAMPLING OBSER	VATIONS: Clear, No	Odor			
QC SAMPLES TAKE	EN: none				
OTHER OBSERVAT	TIONS/COMMENTS:	4-1liter amber bottles	taken.	MANAGEMENT OF THE STREET	
Note: specific condu	ctivity formula to 25 deg	rees Celcius: SC(25)=	SC measur {{T-25)(0.0		-

RECORDED BY:	C. Jones	SA	MPLE ID:	MW-A3-0)40308
SAMPLED BY:	C.Jones	SA	MPLING EVENT/D	ATE:	4/3/2008
COMPANY:	Sevenson	 MC	ONITORING WELL		MW-A3
		cc	NDITION:	ОК	
GROUNDWATER F	PURGE DATA	PURGE DATE	E: 4/3/2008	3	
					LL GIBSON SITE
DEPTH ТО ВОТТО	M FROM TOP OF RIS	ER:	11.95 (FT.)	MONITO	RING WELLS ARE
DEPTH TO WATER	FROM TOP OF RISE	R:	5.38 (FT.)	2-INCH E	DIAMETER STAIN-
	WATER COLUMN:		6.57 (FT.)	LESS ST	EEL. WELL DEPTHS:
	2" DIA. WELL CON	ST <u>ANT:</u>	0.16	MW-1R	12.10'
	ONE WELL VOLUM	1E=	1.05 (GALS)	MW-2	12.13'
PURGE METHOD: BOTTOM OF WELL		ic pump w/dedica no	ted tubing	MW-A3 MW-4 MW-5	11.95' 13.75' 15.28'
PURGE START TIM PURGE OBSERVA	1E: 1435	STOP TIM	1500	10100-5	13.20
FIELD PARAMETER	R MEASUREMENTS:				
		SPECIFIC			
WELL		CONDUCTIVI			
VOLUME	<u>pH</u>	umhos/cm)	(C OR F)	-	NOTES:
1	7.61	468	8.7		Clear
2	7.45	435	8.5		Clear
4	7.44 7.42	439 433	8.4 8.3		Clear Clear
5	1.42	400	0.0)	Cleal
TOTAL VOLUME PI		15 gallons			
GROUNDWATER C	OR SEDIMENT SAMPL	.ING DATA:	SAMPLE	DATE:	4/3/2008
	DWATER X SEDIMENT	<u> </u>	SAMPLE	T <u>IME:</u>	1505
LOCATION:	MW-A3, behind Nia	gara Falls Hotel			<u> </u>
SAMPLE METHOD:	P/Pump w/ dedicate	ed tubing.		status and a state of the state	
SAMPLING OBSER	VATIONS: Clear, N	o Odor	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
QC SAMPLES TAKI	EN: none	4-4	····		
OTHER OBSERVAT	FIONS/COMMENTS:	4-1liter amber	bottles taken.		
Note: specific condu	ctivity formula to 25 de	grees Celcius: S0	SC measu C(25)= {{T-25}(0.0		

CHARLES GIBSON SITE NIAGARA FALLS, NEW YORK NYSDEC REGISTRY NO. 9-32-063

GROUNDWATER SAMPLING FIELD PARAMETERS FIELD INSTRUMENTATION CALIBRATION FORM

DATE:	9/11/2008		SEMI-ANI	NUAL SAMPLIN	IG EVEN <u>T:</u>	Fall 2	800
PERSON	CALIBRATIN	IG METER	S:	C. Jones		HAMWYC 11	
рН МЕТЕ				Double Junction pH tester 30	on		
		IDENTIFIC	ATION/CC	NTROL NUMB	ER: <u>1220</u>	0148	
		CALIBRAT	ION STAN	IDARDS USED:			
			STANDAI	RD 7.00 METER	R READ:		
				RD 4.00 METER			4.01
	METER CA			RD 10.00 METE NTS:	R READ:		10.03
SPECIFIC	CONDUCT						
				Oakton Condu			
				WD 35607-10 ONTROL NUMB			
				IDARDS USED:			
			2 I ANDAI	RD 0 READ: (STANDARD)	0 USED:	AIR.	WATER)
			STANDA	RD	447		444
				RD	8974		8981
	METER CA	LIBRATION	и сомме	NTS:			
THERMO	METER USE		TYPE:	Digital E:	L - O - C - C - C - C - C - C - C - C - C		
				CTURER: <u>Fis</u> CATION/CONTI			15741
		COMMENT		THERMOMET			
				CONDUCTIVI			
		OTHER:	,				
OTHER II	NSTRUMENT	ΓS USED:		OTUDED:			
				CTURER: CATION/CONTI	ROL NUMBER:	•	
		CALIBRAT					
		CALIBRAT	IONS PER	RFORMED:			
	•						
OTHER C	CALIBRATION	N COMMEN	NTS:				

RECORDED BY:	C. Jones		SAMPLE	ID:	MW5-091	108
SAMPLED BY:	C.Jones	_	SAMPLING	G EVENT/D	ATE:	9/11/2008
COMPANY:	Sevenson		MONITOR	RING WELL:		MW-5
		•	CONDITIO	ON:	ОК	
GROUNDWATER PL	JRGE DATA	PURGE DA	ATE:	9/11/2008		
					NOTE: AL	L GIBSON SITE
DEPTH TO BOTTOM	I FROM TOP OF RISEF	₹:	15.28	(FT.)	MONITOR	RING WELLS ARE
DEPTH TO WATER I	FROM TOP OF RISER:		7.8	(FT.)	2-INCH DI	AMETER STAIN-
	WATER COLUMN:		7.48	(FT.)	LESS STE	EL. WELL DEPTHS:
	2" DIA. WELL CONST	ANT:	0.16	<u>i</u>	MW-1R	12.10'
	ONE WELL VOLUME:	=	1.20	(GALS)	MW-2 MW-A3	12.13' 11.95'
PURGE METHOD: BOTTOM OF WELL/S PURGE START TIME PURGE OBSERVAT	SILT BUILDUP: E: 1200	pump w/ded none STOP TIM ear		ŭ	MW-4 MW-5	13.75' 15.28'
FIELD PARAMETER						
		SPECIFIC				
WELL		CONDUCT		TEMP.		
VOLUME	pH	umhos/cm)	•	(C OR F)	-	NOTES:
1	6.52	532		16.4		Slightly turbid
2	6.53	490		16.1		Clear
3	6.54	481		16.2		Clear
<u>4</u> 5	6.53	478		16.2		Clear
TOTAL VOLUME PU		gallons				
GROUNDWATER OF	R SEDIMENT SAMPLIN	G DATA:		SAMPLE D	ATE:	9/11/2008
MEDIA: GROUND CREEK S	WATER X EDIMENT			SAMPLE T	IME:	1250
LOCATION:	MW-5, in field past MV	V-4				·
SAMPLE METHOD:	P/Pump w/ dedicated t	ubing.		17.500		
SAMPLING OBSERV	'ATIONS: Clear, No C	Odor	***			
QC SAMPLES TAKE	N: none		·			***************************************
OTHER OBSERVATI	ONS/COMMENTS:	2-1liter amb	oer bottles.	Sampled fo	r BHC	
Note: specific conduc	tivity formula to 25 degre	ees Celcius:	SC(25)=	SC measur {{T-25}(0.0		-

RECORDED BY:	C. Jones	SAN	IPLE ID:	MW-1R-0	91108 & MW7-091108
SAMPLED BY:	C.Jones	_ SAN	IPLING EVENT/	DATE:	9/11/2008
COMPANY:	Sevenson		NITORING WELL	•	MW-1R
		CON	IDITION:	ок	
GROUNDWATER P	URGE DATA	PURGE DATE:	9/11/2008	_	
		_			LL GIBSON SITE
	M FROM TOP OF RISE		12.1 (FT.)		RING WELLS ARE
DEPTH TO WATER	FROM TOP OF RISER	:	6.65 (FT.)	2-INCH D	DIAMETER STAIN-
	WATER COLUMN:		5.45 (FT.)		EEL. WELL DEPTHS:
	2" DIA. WELL CONS	TANT:	0.16	MW-1R	12.10'
	ONE WELL VOLUME	=	0.87 (GALS)	MW-2	
PURGE METHOD: BOTTOM OF WELL PURGE START TIN PURGE OBSERVA	/SILT BUILDUP: IE: 1100	pump w/dedicate none STOP TIM	d tubing 1130	MW-A3 MW-4 MW-5	
FIELD PARAMETER	R MEASUREMENTS:				
WELL	-11	SPECIFIC CONDUCTIVIT			NOTES:
VOLUME 1	<u>рН</u> 7.53	umhos/cm) 802	(C OR F)	 1	NOTES: Clear
2	7.49	823			Clear
3	7.45	830	17.		Clear
4	7.43	835	1		Clear
5					
TOTAL VOLUME PI	JRGED: 2.6 DR SEDIMENT SAMPLI	2 gallons NG DATA:	SAMPLE	DATE:	9/11/2008

	DWATER X SEDIMENT	_	SAMPLE	1 <u>IME:</u> "MW-7"	1140 1230
LOCATION:	Tuscarora Rd.				
SAMPLE METHOD:	P/Pump w/ dedicated	I tubing.			
SAMPLING OBSER	VATIONS: Clear , No	o Order			
QC SAMPLES TAKI	EN: Blind Du	plicate taken and	abeled "MW-7" fo	or QC.	
OTHER OBSERVA	FIONS/COMMENTS:	4-1liter amber b	ottles taken. Sam	npled for Bh	IC
Note: specific condu	ectivity formula to 25 deg	rees Celcius: SC(SC measo 25)= {{T-25)(0.		

RECORDED BY:	C. Jones		SAN	IPLE ID:	MW4-091	1108
SAMPLED BY:	C.Jones		SAM	1PLING EVENT/I	DATE:	9/11/2008
COMPANY:	Sevenson		10M	NITORING WELL	_:	MW-4
			CON	NDITION:	OK	
GROUNDWATER I	PURGE DATA	Pl	JRGE DATE:	9/11/200		
	= D.O T.O.	OF DIOED		40.75 (FT.)		LL GIBSON SITE
DEPTH TO BOTTO				13.75 (FT.)		RING WELLS ARE
DEPTH TO WATER				6.96 (FT.)		DIAMETER STAIN-
	WATER CO		_	6.79 (FT.)		EEL. WELL DEPTHS:
		LL CONST <u>AN</u>	Τ:	0.16	MW-1R	12.10'
	ONE WELL	VOLUME=		1.09 (GALS)	MW-2 MW-A3	12.13' 11.95'
PURGE METHOD: BOTTOM OF WELL PURGE START TIM PURGE OBSERVA	_/SILT BUILDU ME: 1310	SI	ne TOP TIM	1335	MW-4 MW-5	13.75' 15.28'
FIELD PARAMETE			(nakestrer c	realing, slight ou	OI	
			PECIFIC			
WELL		C	ONDUCTIVIT			
VOLUME	<u>рН</u>	<u>un</u>	nhos/cm)	(C OR F)		NOTES:
1	7.31		1178	16.		Orange, turbid
2	7.37		1060	16.		slightly turbid
4	7.34 7.36		1035 1026	16. 16.		Slightly turbid Clear
1	7.30		1020	10.	<u> </u>	Oleai
TOTAL VOLUME P		3.26 ga		SAMPLE	DATE:	9/11/2008
	IDWATER SEDIMENT	X		SAMPLE	T <u>IME:</u>	1340
LOCATION <u>:</u>	MW-4, On	Autozone prop	erty, east of b	oldg.		
SAMPLE METHOD	: P/Pump w/	dedicated tub	ing.			
SAMPLING OBSER	RVATIONS:	Clear, No Odo	or			
QC SAMPLES TAK	EN:	none				
OTHER OBSERVA	TIONS/COMM	ENTS: <u>2-</u>	1liter amber b	ottles taken.		PARTICULAR AND
Note: specific condu	uctivity formula	to 25 dearees	Celcius: SC	SC meas 25)= {{T-25)(0.		

RECORDED BY:	C. Jones	-	SAMPLE	D:	MW-A3-09)1108
SAMPLED BY:	C.Jones	_	SAMPLING	S EVENT/D	ATE:	9/11/2008
COMPANY:	Sevenson	_	MONITOR	ING WELL:		MW-A3
			CONDITIO	N:	ОК	
GROUNDWATER P	URGE DATA	PURGE DA	ATE:	9/11/2008		
DEPTH TO BOTTON	M FROM TOP OF RISEF	₹:	11.95	(FT.)		L GIBSON SITE RING WELLS ARE
DEPTH TO WATER	FROM TOP OF RISER:		6.95	(FT.)	2-INCH DI	AMETER STAIN-
	WATER COLUMN:			(FT.)		EL. WELL DEPTHS:
	2" DIA. WELL CONST	ANT:	0.16	'	MW-1R	
	ONE WELL VOLUME			(GALS)	MW-2 MW-A3	12.13' 11.95'
PURGE METHOD: BOTTOM OF WELL/ PURGE START TIM PURGE OBSERVAT	SILT BUILDUP: E 1400	pump w/ded no STOP TIM		g	MW-4 MW-5	13.75' 15.28'
FIELD PARAMETER	MEASUREMENTS:					
WELL VOLUME	рН	SPECIFIC CONDUCT umhos/cm)		TEMP. (C OR F)		NOTES:
1	7.67	579	•	16.8	-	Clear
2	7.48	510		16.7		Clear
3	7.31	495	***************************************	16.7		Clear
4	7.25	489		16.8		Clear
5						WWW.
TOTAL VOLUME PU	JRGED: 2.40 R SEDIMENT SAMPLIN	gallons		SAMPLE D	NATE:	0/44/2002
GROUNDWATER O	K SEDIWENT SAWFLIN	G DATA.		SAMPLE	AIC.	9/11/2008
MEDIA: GROUNE CREEK S	OWATER X SEDIMENT			SAMPLE T	ÎME:	1430
LOCATION:	MW-A3, behind Niaga	ra Falls Hote	el			
SAMPLE METHOD:	P/Pump w/ dedicated t	ubing.				***************************************
SAMPLING OBSER\	/ATIONS: Clear, No C	Odor				
QC SAMPLES TAKE	N: none					
OTHER OBSERVAT	IONS/COMMENTS:	2-1liter amb	per bottles t	aken. Samp	oled for BH0	<u> </u>
Note: specific conduc	ctivity formula to 25 degre	ees Celcius:		SC measur {{T-25)(0.0		•

RECORDED BY:	C. Jones		SAMPLE ID:	MW2-091	1108
SAMPLED BY:	C.Jones		SAMPLING EVE	NT/DATE:	9/11/2008
COMPANY:	Sevenson	_	MONITORING W	/ELL:	MW-2
			CONDITION:	ОК	
GROUNDWATER P	URGE DATA	PURGE D	ATE: 9/11/2	2008	
					LL GIBSON SITE
DEPTH TO BOTTO	M FROM TOP OF RISE	ER:	12.13 (FT.)	MONITO	RING WELLS ARE
DEPTH TO WATER	R FROM TOP OF RISEF	₹:	5.42 (FT.)	2-INCH [DIAMETER STAIN-
	WATER COLUMN:		6.71 (FT.)	LESS ST	EEL. WELL DEPTHS:
	2" DIA. WELL CONS	STANT:	0.16	MW-1R	12.10'
	ONE WELL VOLUM		1.07 (GALS	MW-A3	11.95'
PURGE METHOD: BOTTOM OF WELL PURGE START TIM PURGE OBSERVAT	./SILT BUILDUP:	none STOP TIM	dicated tubing	MW-4 MW-5	
 FIELD PARAMETEF	R MEASUREMENTS:				
WELL		SPECIFIC CONDUCT	TIVITY TEMP		
VOLUME 1	<u>рН</u> 7.46	umhos/cm)			NOTES:
2	· · · · · · · · · · · · · · · · · · ·	356 520		17.2	Cloor
3	7.3 7.33	529 540		17.3	Clear
4	7.33	540 551		17.2 17.4	Clear Clear
5	1.00			17.4	Clear
TOTAL VOLUME PU		22 gallons			
GROUNDWATER O	OR SEDIMENT SAMPLI	ING DATA:	SAMP	PLE DATE:	9/11/2008
	DWATER X SEDIMENT		SAMF	PLE T <u>IME:</u>	1030
LOCATION:	MW-2 behind autozo	one next to du	ımpsters		
SAMPLE METHOD:	P/Pump w/ dedicated	d tubing.			
SAMPLING OBSER	VATIONS: Clear, slig	ght odor	. 13 ht 1014 (102 (102 (102 (102 (102 (102 (102 (102		
QC SAMPLES TAKE	EN: MS/MSD				
OTHER OBSERVAT	TIONS/COMMENTS:	4- 1 liter ar	mber bottles taken.	•	
Note: specific condu	activity formula to 25 deg	arees Celcius		easured 5)(0.02)}+1	

RECORDED BY:	C. Jones		SAMPLE ID:	field blar	nk-091108
SAMPLED <u>BY:</u>	C.Jones		SAMPLING EVI	ENT/DATE:	9/11/2008
COMPANY:	Sevenson		MONITORING Y	WELL:	Field Blank
			CONDITION:	OK	
GROUNDWATER I	PURGE DATA	PURGE DA	TE:		
DEDTIL TO DOTTE	NA EDOM TOD OF DIG		(ALL GIBSON SITE
	M FROM TOP OF RIS		(FT.	,	ORING WELLS ARE
DEPTH TO WATER	R FROM TOP OF RISE	ER:	(FT.) 2-INCH	DIAMETER STAIN-
	WATER COLUMN:		(FT.) LESS S	TEEL. WELL DEPTHS
	2" DIA. WELL CON	IST <u>ANT:</u>		MW-1R	12.10'
	ONE WELL VOLU	ME=	(GA	•	12.13'
PURGE METHOD: BOTTOM OF WELL PURGE START TIN PURGE OBSERVA	L/SILT BUILDUP: ME:	STOP TIM		MW-A3 MW-4 MW-5	11.95' 13.75' 15.28'
FIELD PARAMETE	R MEASUREMENTS:				
WELL VOLUME 1	pH 、	SPECIFIC CONDUCT umhos/cm)		MP. DR F)	NOTES:
2		,			
3		94			. , ,,
4			· · · · · · · · · · · · · · · · · · ·		
5		-			
TOTAL VOLUME P	URGED:	gallons			
GROUNDWATER (OR SEDIMENT SAMP	LING DATA:	SAM	IPLE DATE:	9/11/2008
	IDWATER		SAM	IPLE T <u>IME:</u>	1500
LOCATION:	Field Blank				
SAMPLE METHOD	:				
SAMPLING OBSER	RVATIONS:				
QC SAMPLES TAK	EN: Field Bl	ank			
	TIONS/COMMENTS:		er bottles taken	. Sampled for B	HC
Note: specific condu	uctivity formula to 25 de	earees Celcius:		measured 25)(0.02)}+1	

CHARLES GIBSON SITE NIAGARA FALLS, NEW YORK NYSDEC REGISTRY NO. 9-32-063 GROUNDWATER ELEVATION FORM

NSPECTOR:	DATE: <u>4/3/</u>	2008	_TIME: 800	0	
RISER ELEVATION DEPTH TO WATER WATER COMMENTS	INSPECTOR:	C. Jones	COMPANY:	Sevenson	
PIEZOMETER (INSIDE CASING) (FT.) ELEVATION P-1 572.72 7.28 565.44 OK P-2 574.89 9.39 565.5 OK P-3 574.16 6.61 567.55 OK P-4 576.14 10.7 565.44 OK P-5 575.05 5.21 569.84 OK P-6 578.28 10.29 567.99 OK MANHOLE A 575.22 11.09 564.13 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to th Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	WEATHER <u>:</u>	40 F Sunny			
P-2 574.89 9.39 565.5 OK P-3 574.16 6.61 567.55 OK P-4 576.14 10.7 565.44 OK P-5 575.05 5.21 569.84 OK P-6 578.28 10.29 567.99 OK MANHOLE A 575.22 11.09 564.13 OK MANHOLE B 577.34 13.17 564.17 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to th Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	PIEZOMETER				COMMENTS
P-3 574.16 6.61 567.55 OK P-4 576.14 10.7 565.44 OK P-5 575.05 5.21 569.84 OK MANHOLE A 575.22 11.09 564.13 OK MANHOLE B 577.34 13.17 564.17 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to th Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-1	572.72	7.28	565.44	ОК
P-4 576.14 10.7 565.44 OK P-5 575.05 5.21 569.84 OK P-6 578.28 10.29 567.99 OK MANHOLE A 575.22 11.09 564.13 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to th Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-2	574.89	9.39	565.5	OK
P-5 575.05 5.21 569.84 OK P-6 578.28 10.29 567.99 OK MANHOLE A 575.22 11.09 564.13 OK MANHOLE B 577.34 13.17 564.17 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to th Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-3	574.16	6.61	567.55	ОК
P-6 578.28 10.29 567.99 OK MANHOLE A 575.22 11.09 564.13 OK MANHOLE B 577.34 13.17 564.17 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to th Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-4	576.14	10.7	565.44	ОК
MANHOLE A 575.22 11.09 564.13 OK MANHOLE B 577.34 13.17 564.17 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to th Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-5	575.05	5.21	569.84	ОК
(Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to th Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-6	578.28	10.29	567.99	ОК
(Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to th Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	MANHOLE A	575.22	11.09	564.13	ОК
Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundw in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. There water distance from the manhole rim should not be <u>less</u> than 12.41 ft. at Manhole B and 10.22 ft. at Ma (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	MANHOLE B	577.34	13.17	564.17	ОК
		d by extension Manhole A)	below an elevation of 5	665 ft. above mean	sea level. There
	water distance fro (Note: riser eleva	tions (re)surveyed Septemb	per, 1999 by Wendel Su		nd 10.22 it. at iwa
	water distance fro (Note: riser eleva	tions (re)surveyed Septemb	per, 1999 by Wendel Su		nd 10.22 it. at Ma
	water distance fro (Note: riser eleva	tions (re)surveyed Septemb	per, 1999 by Wendel Su		nd 10.22 it. at iwa
	water distance fro (Note: riser eleva	tions (re)surveyed Septemb	per, 1999 by Wendel Su		nd 10.22 it. at iwa

CHARLES GIBSON SITE NIAGARA FALLS, NEW YORK NYSDEC REGISTRY NO. 9-32-063 GROUNDWATER ELEVATION FORM

P-1 572.72 6.59 566.13 OK P-2 574.89 9.61 565.28 OK P-3 574.16 7.85 566.31 casing settled P-4 576.14 10.94 565.2 OK P-5 575.05 6.68 568.37 OK P-6 578.28 10.89 567.39 OK MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Town Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater eleving Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, Dewater distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	WEATHER: 60 F Sunny	DATE:	9/11/2008	3	_TIME: 93	0	
RISER ELEVATION DEPTH TO WATER WATER ELEVATION	RISER ELEVATION DEPTH TO WATER WATER COMMENTS	INSPECTO	R:	C. Jones	COMPANY:	Sevenson	
PIEZOMETER (INSIDE CASING) (FT.) ELEVATION P-1 572.72 6.59 566.13 OK P-2 574.89 9.61 565.28 OK P-3 574.16 7.85 566.31 casing settled P-4 576.14 10.94 565.2 OK P-5 575.05 6.68 568.37 OK P-6 578.28 10.89 567.39 OK MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Town Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater eleing Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, Dewater distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	PIEZOMETER (INSIDE CASING) (FT.) ELEVATION P-1 572.72 6.59 566.13 OK P-2 574.89 9.61 565.28 OK P-3 574.16 7.85 566.31 casing settled P-4 576.14 10.94 565.2 OK P-5 575.05 6.68 568.37 OK P-6 578.28 10.89 567.39 OK MANHOLE A 575.22 11.11 564.11 OK (Note: Manhole B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Tow Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater el in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, E water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole Manhole R (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	WEATHER		60 F Sunny			
P-2 574.89 9.61 565.28 OK P-3 574.16 7.85 566.31 casing settled P-4 576.14 10.94 565.2 OK P-5 575.05 6.68 568.37 OK P-6 578.28 10.89 567.39 OK MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Town Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater elevin Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, Dewater distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-2 574.89 9.61 565.28 OK P-3 574.16 7.85 566.31 casing settled P-4 576.14 10.94 565.2 OK P-5 575.05 6.68 568.37 OK P-6 578.28 10.89 567.39 OK MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Tow Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater el in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, Ewater distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	PIEZOMET	ER				COMMENTS
P-3 574.16 7.85 566.31 casing settled P-4 576.14 10.94 565.2 OK P-5 575.05 6.68 568.37 OK P-6 578.28 10.89 567.39 OK MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Town Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater ele in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, De water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-3 574.16 7.85 566.31 casing settled P-4 576.14 10.94 565.2 OK P-5 575.05 6.68 568.37 OK P-6 578.28 10.89 567.39 OK MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Tow Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater el in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, E water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-1		572.72	6.59	566.13	ОК
P-4 576.14 10.94 565.2 OK P-5 575.05 6.68 568.37 OK P-6 578.28 10.89 567.39 OK MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Town Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater ele in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, Dewater distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-4 576.14 10.94 565.2 OK P-5 575.05 6.68 568.37 OK P-6 578.28 10.89 567.39 OK MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Tow Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater el in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, E water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-2		574.89	9.61	565.28	<u>OK</u>
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MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Town Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater elevin Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, De water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A. (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	MANHOLE A 575.22 11.11 564.11 OK MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Tow Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater el in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, E water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-5		575.05	6.68	568.37	OK
MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Town Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater elevin Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, De water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A. (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	MANHOLE B 577.34 13.11 564.23 OK (Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Tow Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater el in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, E water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	P-6		578.28	10.89	567.39	ОК
(Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Town Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater elevin Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, Dewater distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole A. (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	(Note: Manhole A empties into Manhole B by gravity feed and Manhole B is pumped automatically to the Tow Niagara Tuscarora Road sanitary sewer line by a float controlled sump pump which maintains groundwater el in Manhole B (and by extension Manhole A) below an elevation of 565 ft. above mean sea level. Therefore, E water distance from the manhole rim should not be less than 12.41 ft. at Manhole B and 10.22 ft. at Manhole (Note: riser elevations (re)surveyed September, 1999 by Wendel Surveyors)	MANHOLE	А	575.22	11.11	564.11	OK
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	`	MANHOLE (Note: Manh	nole A emp	oties into Manhole B by	gravity feed and Manh	nole B is pumped a	automatically to the Town
	`	MANHOLE (Note: Manh Niagara Tus in Manhole I water distan (Note: riser	nole A emp scarora Ro B (and by nce from th elevations	oties into Manhole B by oad sanitary sewer line extension Manhole A) l ne manhole rim should i t (re)surveyed Septemb	gravity feed and Manh by a float controlled su below an elevation of 5 not be <u>less</u> than 12.41 per, 1999 by Wendel Su	nole B is pumped a mp pump which m 65 ft. above mean ft. at Manhole B ar	automatically to the Town aintains groundwater elevusea level. Therefore, De
		MANHOLE (Note: Manh Niagara Tus in Manhole I water distan (Note: riser	nole A emp scarora Ro B (and by nce from th elevations	oties into Manhole B by oad sanitary sewer line extension Manhole A) l ne manhole rim should i t (re)surveyed Septemb	gravity feed and Manh by a float controlled su below an elevation of 5 not be <u>less</u> than 12.41 per, 1999 by Wendel Su	nole B is pumped a mp pump which m 65 ft. above mean ft. at Manhole B ar	automatically to the Town aintains groundwater elevusea level. Therefore, De
		MANHOLE (Note: Manh Niagara Tus in Manhole I water distan (Note: riser	nole A emp scarora Ro B (and by nce from th elevations	oties into Manhole B by oad sanitary sewer line extension Manhole A) l ne manhole rim should i t (re)surveyed Septemb	gravity feed and Manh by a float controlled su below an elevation of 5 not be <u>less</u> than 12.41 per, 1999 by Wendel Su	nole B is pumped a mp pump which m 65 ft. above mean ft. at Manhole B ar	automatically to the Town aintains groundwater elevusea level. Therefore, De

CHARLES GIBSON SITE NIAGARA FALLS, NEW YORK NYSDEC REGISTRY NO. 9-32-063 GROUNDWATER ELEVATION FORM

DATE: <u>11/5/20</u>	08	TIME:	900	
INSPECTOR:	M. Walker	_COMPANY:	Sevenson	
WEATHER:	60 F sunny			
PIEZOMETER	RISER ELEVATION (INSIDE CASING)	DEPTH TO WAT (FT.)	ER WATER ELEVATION	COMMENTS
P-1	572.72	7.26	565.46	OK
P-2	574.89	9.65	565.24	ОК
P-3	574.16	7.64	566.52	ОК
P-4	576.14	10.97	565.17	ОК
P-5	575.05	6.29	568.76	ОК
P-6	578.28	10.85	567.43	ОК
MANHOLE A	575.22	11.41	563.81	ОК
MANHOLE B	577.34	13.45	563.89	OK
Niagara Tuscarora F in Manhole B (and b water distance from (Note: riser elevation		13.45 gravity feed and M by a float controlled below an elevation not be less than 12 per, 1999 by Wende	563.89 Manhole B is pumped a d sump pump which m of 565 ft. above mean 2.41 ft. at Manhole B a	OK utomatically to the aintains groundwest and see a level. There
MANHOLE B (Note: Manhole A er Niagara Tuscarora F in Manhole B (and b water distance from (Note: riser elevation	577.34 mpties into Manhole B by Road sanitary sewer line by extension Manhole A) the manhole rim should the (re)surveyed Septemb	13.45 gravity feed and M by a float controlled below an elevation not be less than 12 per, 1999 by Wende	563.89 Manhole B is pumped a d sump pump which m of 565 ft. above mean 2.41 ft. at Manhole B a	OK utomatically to the aintains groundwest and see a level. There
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