

#### P O BQX 1468 MONAHANS, TEXAS 79756 PH 943-3234 OR 563-1040

### RESULT OF WATER ANALYSES

		LABORATORY NO	109025	0
To: Mr. Stan Chapman		SAMPLE RECEIVED	10-25-	
P. O. Box 1150, Midland, TX 79702		RESULTS REPORTED.	11-1-9	0
		RESOL IS REPORTED.		
Chevron U.S.A., Inc.	1 545	Arrowhead	Grayburg Uni	it "C"
COMPANY Chevron U.S.A., Inc.  FIELD OR POOL	Arrowhe	ad	<del></del>	
SUBVEYT-22S & R	37E COUNTY	Lea 57	NM	
SOURCE OF SAMPLE AND DATE TAKEN:	COUNTY	31	A 1 C	<del></del>
Raw water - taken from No.	rthern Natu	ral Gas Water We	11.	
NO. 1 Raw Made Callett 120m No.	Tellezii naca	242 0404002		
NO. 2		<del></del>		
NO. 3				
NO. 4				
REMARKS:				
	AND PHYSICA	L PROPERTIES		
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0028			
pH When Sampled		<del></del>		
pH When Received	9.43			
Bicarbonate as HCO3	124			
Supersaturation as CaCO3				
Undersaturation as CaCO3	<u> </u>			
Total Hardness as CaCO3	112			
Calcium as Ca	2			
Magnesium as Mg	26			
Sodium and/or Potassium	644			
Sulfate as SO4	805			
Chloride as Cl	344			
Iron as Fe	0.36			
Barrum as Ba	0.30			
Turbidity, Efectric	+		<del></del>	
Color as Pt				
Total Solids, Calculated	1,999			
Temperature °F.				
Carbon Dioxide, Calculated			·	
Dissolved Oxygen.	<del>                                     </del>			
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	3.33			
Suspended Oil	<del></del>		<del></del>	
Filtrable Solids as mg/1				
Volume Filtered, mi				
Carbonate, as CO	53			
Nitrate, as N	0.7		<del></del>	
Result	s Reported As Milli	grams Per Liter		
		certifies the ab	ove to be t	rue and
	ledge and be			
		1	<i>(</i>	
Form No. 3		The state of the s	~/~~	
/ <del>-</del> -		Du Miller	<del>*</del> :	

#### 709 W INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

## RESULT OF WATER ANALYSES

		LABORATORY NO	109024	
To: Mr. Stan Chapman		SAMPLE RECEIVED .	10 05	90
P. O. Box 1150. Midland. TX 79702		RESULTS REPORTED.	11-1-9	0
COMPANY Chevron U.S.A., Inc.			Grayburg Uni	
SECTION 17 BLOCK SURVEYT-22S & R-3	7E COUNTY	Lea st	ATE NM	
SOURCE OF SAMPLE AND DATE TAKEN:	_ 0001111	3:	A 1 E	<del></del>
NO. 1 Raw water - taken from wat	er well.			
NO. 2				* <del></del>
NO. 3				
NO. 4				
REMARKS:				
CHEMICAL A	ND PHYSICA	L PROPERTIES		
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0024			
pH When Sampled			·	
pH When Received	7.82		·	· · · · · · · · · · · · · · · · · · ·
Bicarbonate as HCO3	259			
Supersaturation as CaCO3				<del></del>
Undersaturation as CaCO3				
Total Hardness as CaCO3	520			
Calcium as Ca	118			
Magnesium as Mg	54			
Sodium and/or Potassium	269			
Sulface as SO4	155			
Chloride as CI	518			
iron as Fe	0.14			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	1,373			
Temperature 3F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen.				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	4.55			
Suspended Oil				
Filtrable Solids as mg/				
Volume Filtered, ml				 
Nitrate, as N	1.6			
Results R	Reported As Millig	grams Per Liter	<del></del>	
Additional Determinations And Remarks The und	lersigned c	ertifies the abo	ve to be tru	ue and
correct to the best of his knowle	dge and be	lief.		
<u> </u>				
			<del></del> -	<del></del>
			<del>/</del>	
			1	

Form No. 3

P O. BOX 1468 MONAHANS, TEXAS 79756 PH 943-3234 OR 563-1040

#### 709 W INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

### RESULT OF WATER ANALYSES

		LABORATORY NO	109024	8
To: Mr. Stan Chapman		SAMPLE RECEIVED _	<u> 10-25-</u>	90
P. O. Box 1150, Midland, TX	79702	RESULTS REPORTED_	11-1-9	0
COMPANY Chevron U.S.A., Inc.	LEA	se Arrowhead (	Grayburg Un:	Lt "N"
FIELD OR POOL SURVEYT-22	S & R-37E COUNTY	Lea sta	TE NM	
SOURCE OF SAMPLE AND DATE TAKEN:			, , ,	· · · · · · · · · · · · · · · · · · ·
NO. 1 Raw water - taken from	om windmill.			
NO. 2				
NO. 3				
NO. 4				
REMARKS:				
	MICAL AND PHYSICA	I BEABERTIES		
One	NO. 1	NO. 2		NO.4
Specific Gravity at 60° F.	1.0015	170.2	NO. 3	NO. 4
pH When Sampled	1.0013		<del></del>	
pH When Received	7.82	<del>,</del>		
Bicarbonate as HCO3	305	<del></del>		
Supersaturation as CaCO3	<del></del>	<del></del>	<del></del>	
Undersaturation as CaCO3			<del></del>	<del></del>
Total Hardness as CaCO3	254		<del></del>	<del></del>
Calcium as Ca	54			
Magnesium as Mg	29			
Sodium and/or Potassium	115		·	<del> </del>
Sulfate as SO4	98	<del>-                                    </del>	<del></del>	<del> </del>
Chloride as Cl	108			
Iron as Fe	0.32	· · · · · · · · · · · · · · · · · · ·		
Barium as Ba		<del> </del>		
Turbidity, Electric				<u> </u>
Color as Pt			<del></del>	<del></del>
Total Solids, Calculated	709		· · · · · · · · · · · · · · · · · · ·	
Temperature °F.				!
Carbon Dioxide, Calculated				
Dissolved Oxygen.				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	11.11			
Suspended Oil				
Filtrable Solids as mg/j				
Volume Filtered, ml				
Nitrate, as N	3.0			
	Results Reported As Mill			
		certifies the abov	ve to be tru	ie and
correct to the best of his	knowledge and be	elief.		
		_ <del></del>		
			<del></del>	
i		~	(	

Form No. 3

## RESULT OF WATER ANALYSES

	ı	ABORATORY NO	1090247	7
Mr. Stan Chapman	•	SAMPLE RECEIVED .	111-25-6	00
Mr. Stan Chapman P. O. Box 1150, Midland, TX 79702		RESULTS REPORTED		
		NESSETS WER ON TEB		
COMPANY Chevron U.S.A., Inc.	LEASE	Arrowhead	Grayburg Un	it "P"
FIELD OR POOL SURVEY T-22S & R-	36E COUNTY	Lea	ATE	NM
SOURCE OF SAMPLE AND DATE TAKEN:		<del></del>	A   E	<del></del>
NO.   Raw water - taken from Cob	b windmill.			
		<del></del>		
NO. 2	<del></del>	<del></del>		
NO. 3				
NO. 4			<del></del>	<del></del>
REMARKS:	·	·	<del> </del>	
CHEMICAL	AND PHYSICAL	PROPERTIES		
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0034			
pH When Sampled				
pH When Received	7.35			
Bicarbonate as HCO3	239			
Supersaturation as CaCO3				
Undersaturation as CaCO3				
Total Hardness as CaCO3	775			
Calcium as Ca	172			
Magnesium as Mg	84			
Sodium and/or Potassium	459			
Sulface as SO4	303			
Chloride as Cl	895		i	
Iron as Fe	1.7			
Barium as Ba				
Turbidity, Electric				
Color as Pt	<u> </u>			
Total Solids, Calculated	2,153			
Temperature °F.			· · · · · · · · · · · · · · · · · · ·	
Carbon Dioxide, Calculated	ļ			
Dissoived Oxygen	1			
Hydrogen Sulfide	2.76	<del></del>		
Resistivity, ohms/m at 77° F.	2.70			
Suspended Oil	<del> </del>			
Filtrable Solids as mg/)	<del> </del>	+		
Volume Filtered, ml Nitrate, as N	1.8	<del></del>		
Nitiate, as A	1.0	<del>-}</del> -		
	<del> </del>	<del></del>		
Require	Reported As Milligra	ams Per Liter		<del></del>
		tifies the abov	e to be true	and
correct to the best of his knowled	de and heli	ef.	e to be true	and
dollar to the best of his knowled	ige and octi			
			<del></del>	
		<del></del>		
		. <del></del>		
<u> </u>				

Form No. 3

## RESULT OF WATER ANALYSES

	L	ABORATORY NO	119029	<u> </u>
To: Mr. Stan Chapman	-	AMPLE RECEIVED .	11-1-9	0
P. O. Box 1150, Midland, TX 79702		PESULTS DEDORTED	11-9-9	00
COMPANY Chevron U.S.A., Inc.  FIELD OR POOL A SECTION 31 BLOCK SURVEY 7215- R37	LEASE	Arrowh	ead Grayburg	y Unit <i>E"</i>
EUEL D OR BOOL	rrowhead	<del></del>		
SECTION 31 BLOCK SUBVEY 7215- 837	FCOUNTY	Lea st	ATE NM	
SOURCE OF SAMPLE AND DATE TAKEN:	_ 000011	3,	A1E	
NO. 1 Raw water - taken from water	r well by	stock pond by M	atter "B" #1	4.
NO. 2				<del></del>
NO. 3				
NO. 4				
REMARKS:	·			
ننو سبعب واستعبور والمسابق المسابق الم	ND PHYSICAL	PROPERTIES		
	NO, 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0018			110.4
pH When Sampled				
pH When Received	7.51		<del></del>	
Bicarbonate as HCO3	293	1		
Supersaturation as CaCO3				
Undersaturation as CaCO3			<del>-</del>	
Total Hardness as CaCO3	148			
Calcium as Ca	38			
Magnesium as Mg	13	<del></del>	<del></del>	
Sodium and/or Potassium	97	<del></del>		
Suifate as SO4	45	<del></del>		
Chloride as Cl	51			
Iron as Fe	1.5	<del>                                     </del>	<u>-</u>	
Barrum as Ba				
Turbidity, Electric	<del></del>		<del></del>	
Color as Pt		+		
Total Solids, Calculated	536	<del>-  </del>		
Temperature °F.	ا الدر	<del>                                     </del>		
Carpon Dioxide, Calculated		+		
Dissolved Oxygen.		+		
Hydrogen Sulfide	0.0	+		
Resistivity, ohms/m at 77° F.	16.10	<del> </del>		
Suspended Oil	10.10	<del></del>		
Filtrable Solids as mg/I		<del></del>		<del></del>
Volume Filtered, ml				
Nitrate, as N	0.2			
Vittate, as A		<del>                                     </del>		
		<del>                                     </del>	<del></del>	
Passite Ra	eported As Milligra	ms Per Liter		
Additional Determinations And Remarks The unders			to be true	and correct
to the best of his knowledge and h			to be true	CALL COLLECT
to the best of his knowledge and t	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
			<del></del>	
		<del></del>		
			<del></del>	
				<del></del>
			1/	

Form No. 3

P O BOX 1468 MONAHANS, TEXAS 79756 PH 943-3234 OR 563-1040

### 709 W INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

## RESULT OF WATER ANALYSES

		LABORATORY NO	<u> </u>	15
To: Mr. Stan Chapman		SAMPLE RECEIVED -	10-25-	-90
P. O. Box 1150, Midland, TX 79702		RESULTS REPORTED	11-1-9	90
COMPANY Chevron U.S.A., Inc.	LEAS	Arrowhead Gra	yburg Unit	"D"
FIELD OR POOL SURVEY T-215 & R-	Arrowhead			
SECTION 30 BLOCK SURVEY T-215 & R-	37E COUNTY _	Lea st	ATE NM	
SOURCE OF SAMPLE AND DATE TAKEN:				
No. 1 Raw water - taken from wi	ndmill.			
NO. 2 ———————————————————————————————————				
NO. 3				
NO. 4	<del></del>	<del></del>		
REMARKS:				
CHEMICAL	AND PHYSICA	L PROPERTIES		
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0016			
pH When Sampled				
pH When Received	7.29		- · · · · · · · · · · · · · · · · · · ·	
Bicarbonate as HCO3	239			
Supersaturation as CaCO3				
Undersaturation as CaCO3	222			
Total Hardness as CaCO3	232			
Calcium as Ca	52			
Magnesium as Mg Sodium and/or Potassium	19			
Suifate as SO4	92		<del></del>	
Chloride as Cl	107	<del></del>		ļ
Iron as Fe	26.2			
Barrum as Ba	20.2	<del>-    </del>	<del></del>	·
Turbidity, Electric			<del></del>	
Color as Pt			<del></del>	
Total Solids, Calculated	607			
Temperature °F.		<del>-    </del>	<del></del>	
Carbon Dioxide, Calculated			<del></del>	
Dissolved Oxygen.				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	12.65			
Suspended Oil				
Filtrable Solids as mg/j				
Volume Filtered, ml				
Nitrate, as N	2.3			
	Reported As Milli		<del></del>	
Additional Determinations And Remarks The unde			to be true	and
correct to the best of his knowl	edge and be	liet.		
		<del></del>	·	
	<del></del>			
				<del></del>
				<u>, , ,</u>
			<del>/ `                                   </del>	

Form No. 3

#### 709 W INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

### RESULT OF WATER ANALYSES

		LABORATORY NO	109024	<u>+</u> 6
o. Mr. Stan Chapman		SAMPLE RECEIVED	10-25-	-90
P. O. Box 1150, Midland, TX	79702	RESULTS REPORTED	11-1-9	90
Chevron U.S.A., Inc. SECTION 34 BLOCK SURVEY T-21:	LEAS	Arrowhead	Grayburg Uni	t ''M''
ELD OR POOL	Arrowhea	<u>d</u> _		
ECTION 34 BLOCK SURVEY T-21	S & R-36E COUNTY_	Lea s	TATE NM	
DURCE OF SAMPLE AND DATE TAKEN:				
NO. 1 Raw water - taken from	om windmill.			
NO. 2				
NO. 3				
				·
NO. 4		· · · · · · · · · · · · · · · · · · ·	<del></del>	· · · · · · · · · · · · · · · · · · ·
EMARKS:	UCAL AND DUVELOAL	00000000000		
CHEN	NO. 1	NO. 2	NO 3	
Specific Gravity at 60° F.	1.0020	NO. 2	NO. 3	NO. 4
pH When Sampled	1.0020	<del></del>		
pH When Received	8.75			<u></u>
Bicarbonate as HCO3	378			
Supersaturation as CaCO3				
Undersaturation as CaCO3	<del></del>	<del>                                     </del>		
Total Hardness as CaCO3	14			
Calcium as Ca	3			
Magnesium as Mg	1			-
Sodium and/or Potassium	256			
Sulfate as SO4	115			
Chloride as Cl	21			
ron as Fe	0.58			
Barrum as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	842			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	9.58			
Suspended Oil				
Filtrable Solids as mg/1				
Volume Filtered, ml	67			
Carbonate, as CO <sub>3</sub>	0.2			
illiate, as a	0.2			
	Results Reported As Millig	rams Per Liter		
Additional Determinations And Remarks	The undersigned		above to be t	rrue and
	knowledge and be		ADOVE CO DE	THE THE
TITLET TO THE DESCRIPTION	und de			
			· · · · · · · · · · · · · · · · · · ·	
			,	

Form No. 3

### RESULT OF WATER ANALYSES

		LABORATORY NO	109024	
Mr. Stan Chapman		SAMPLE RECEIVED _	10-25-	-90
Mr. Stan Chapman P. O. Box 1150, Midland, TX 79702		RESULTS REPORTED_	11-1-9	00
COMPANY Chevron U.S.A., Inc.	LEASI	Arrowhead Gra	yburg Unit	"G"
ELEI D OR POOL	Arrowhead			
SECTION 25 BLOCK SURVEY T-21S & R-3	BE COUNTY	Lea st.	TE NM	
SOURCE OF SAMPLE AND DATE TAKEN:		317	· · E	
NO. 1 Raw water - taken from North	ern Natural	Gas Water Well		
NO. 1 Raw Water taken From Horen	CIII NGCGIG	COD WALLET WELL		
NO. 2				
NO. 3	<u>.</u>	<del></del>		
NO. 4				
REMARKS:				
	ND PHYSICAL	PROPERTIES		
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0018			
pH When Sampled				
pH When Received	6.71		<del></del>	
Bicarbonate as HCO3	307			
Supersaturation as CaCO3				
Undersaturation as CaCO3				
Total Hardness as CaCO3	310			
Calcium as Ca	79			
Magnesium as Mg	27			
Sodium and/or Potassium	114			
Sulfate as SO4	99			
Chloride as CI	143			
Iron as Fe	0.29			
Barrum as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	771			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen.				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	9.70			
Suspended Oil				
Filtrable Solids as mg/1				
Volume Filtered, ml				
Nitrate, as N	0.3			
	Reported As Millig			<del> </del>
		tifies the above	to be true	and
correct to the best of his knowle	dge and be	ief.		
		<del></del>		
		<del></del>		
				<del></del>
			<del></del>	
			<del>/</del>	
			<u></u>	

Form No. 3

P. O. BOX 1468 MONAHANS. TEXAS 79756 PH. 943-3234 OR 563-1040 709 W INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

# RESULT OF WATER ANALYSES

COMPANY Chevron U.S.A., Inc.  FIELD OR POOL  SECTION 23 BLOCK SURVEY T-21S & R-36E COUNTY Lea STATE  SOURCE OF SAMPLE AND DATE TAKEN:  NO. 1 Raw water - taken from City of Eunice water well (middle).  NO. 2 Raw water - taken from City of Eunice water well (North).  Raw water - taken from City of Eunice water well (South).	5-90 -90 it "H" NM
P. O. Box 1150, Midland, TX 79/02  RESULTS REPORTED 11-1-  COMPANY Chevron U.S.A., Inc. Lease Arrowhead Grayburg Un  FIELD OR POOL Arrowhead  SECTION 23 BLOCK SURVEY T-21S & R-36E COUNTY Lea STATE  SOURCE OF SAMPLE AND DATE TAKEN:  NO. 1 Raw water - taken from City of Eunice water well (middle).  NO. 2 Raw water - taken from City of Eunice water well (North).  Raw water - taken from City of Eunice water well (South).  NO. 3 Raw water - taken from City of Eunice water well (South).  REMARKS:  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1 NO. 2 NO. 3  Specific Gravity at 60° F. 1.0015 1.0016 1.0014	-90 it "H" NM
COMPANY Chevron U.S.A., Inc.  FIELD OR POOL  SECTION 23 BLOCK SURVEY T-21S & R-36E COUNTY Lea STATE  SOURCE OF SAMPLE AND DATE TAKEN:  NO. 1 Raw water - taken from City of Eunice water well (middle).  NO. 2 Raw water - taken from City of Eunice water well (North).  Raw water - taken from City of Eunice water well (South).  NO. 3 Raw water - taken from City of Eunice water well (South).  NO. 4 REMARKS:  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1 NO. 2 NO. 3  Specific Gravity at 60° F. 1.0015 1.0016 1.0014	it "H"
Arrowhead  SECTION 23 BLOCK SURVEY T-21S & R-36E COUNTY Lea STATE  SOURCE OF SAMPLE AND DATE TAKEN:  NO. 1 Raw water - taken from City of Eunice water well (middle).  NO. 2 Raw water - taken from City of Eunice water well (North).  Raw water - taken from City of Eunice water well (South).  NO. 3 Raw water - taken from City of Eunice water well (South).  NO. 4 REMARKS:  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1 NO. 2 NO. 3  Specific Gravity at 60° F. 1.0015 1.0016 1.0014	NM
Arrowhead  SECTION 23 BLOCK SURVEY T-21S & R-36E COUNTY Lea STATE  SOURCE OF SAMPLE AND DATE TAKEN:  NO. 1 Raw water - taken from City of Eunice water well (middle).  NO. 2 Raw water - taken from City of Eunice water well (North).  Raw water - taken from City of Eunice water well (South).  NO. 3 Raw water - taken from City of Eunice water well (South).  NO. 4 REMARKS:  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1 NO. 2 NO. 3  Specific Gravity at 60° F. 1.0015 1.0016 1.0014	
SOURCE OF SAMPLE AND DATE TAKEN:  NO. 1 Raw water - taken from City of Eunice water well (middle).  NO. 2 Raw water - taken from City of Eunice water well (North).  Raw water - taken from City of Eunice water well (South).  NO. 3  NO. 4  REMARKS:  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1 NO. 2 NO. 3  Specific Gravity at 60° F. 1.0015 1.0016 1.0014	
SOURCE OF SAMPLE AND DATE TAKEN:  NO. 1 Raw water - taken from City of Eunice water well (middle).  NO. 2 Raw water - taken from City of Eunice water well (North).  Raw water - taken from City of Eunice water well (South).  NO. 3  NO. 4  REMARKS:  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1 NO. 2 NO. 3  Specific Gravity at 60° F. 1.0015 1.0016 1.0014	
Raw water - taken from City of Eunice water well (middle).  Raw water - taken from City of Eunice water well (North).  Raw water - taken from City of Eunice water well (South).  Raw water - taken from City of Eunice water well (South).  REMARKS:  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1 NO. 2 NO. 3  Specific Gravity at 60° F. 1.0015 1.0016 1.0014	
RAW water - taken from City of Eunice water well (North).  RAW water - taken from City of Eunice water well (South).  NO. 4  REMARKS:  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1 NO. 2 NO. 3  Specific Gravity at 60° F. 1.0015 1.0016 1.0014	
REMARKS:  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1  NO. 2  NO. 3  Specific Gravity at 60° F.  Raw water - taken from City of Eunice water well (South).  CHEMICAL AND PHYSICAL PROPERTIES  NO. 1  NO. 2  NO. 3  1.0015  1.0016  1.0014	
NO. 4	
### CHEMICAL AND PHYSICAL PROPERTIES    NO. 1	
CHEMICAL AND PHYSICAL PROPERTIES           NO. 1         NO. 2         NO. 3           Specific Gravity at 60° F.         1,0015         1,0016         1,0014	
NO. 1         NO. 2         NO. 3           Specific Gravity at 60° F.         1.0015         1.0016         1.0014	1 10
Specific Gravity at 60° F. 1.0015 1.0016 1.0014	1 110
	NO. 4
pH When Sampled	
<u></u>	<del> </del>
pH When Received 7.35 7.50 7.42	
Bicarbonate as HCO <sub>3</sub> 268 268 342	
Supersaturation as CaCO3	
Undersaturation as CaCO3	
Total Hardness as CaCO3 212 200 220	
Calcrum as Ca         52         50         67	
Magnesium as Mg         20         18         13	
Sodium and/or Potassium 93 86 96	
Sulfate as SO <sub>4</sub> 90 83 41	
Chloride as CI         70         57         75	
From as Fe 0.11 0.11 0.11	
Barrum as Ba	
Turbidity, Electric	
Color as Pt	
Total Solids, Calculated 594 562 635	
Temperature °F.	<del></del>
Carbon Dioxide, Calculated	<del></del>
Dissolved Oxygen.	<del></del>
Hydrogen Sulfide 0.0 0.0 0.0  Resistivity, ohms/m at 77° F. 13.50 14.86 13.30	
	<del></del>
Suspended Oil	<del></del>
Filtrable Solids as mg/1	<del></del>
Volume Filtered, ml Nitrate, as N 2.1 2.8 0.7	+
victate, as v	<del> </del>
	+
Results Reported As Milligrams Per Liter	<del></del>
Additional Determinations And Remarks The undersigned certifies the above to be tru	e and
correct to the best of his knowledge and belief.	- 4114
COLLEGE OF AND DEGLE OF MICH IMPRILATED AND COLLEGE	

Form No. 3