DAMMON
ENGINEERING, INC.

554 Old Spanish Trail
Slidell, LA 70458
Phone: 985-649-5832
Fax: 985-641-5950
dammonengineering.com
dammoneng@bellsouth.net

August 27, 2015

Mr. Marcus N. Redford, P.E.
Office of Public Health
71128 HWY 59, Suite 102-B
Abita Springs, LA 70402

RE: Southern Comfort Lounge Water Supply
2209 Gause Blvd. East
Slidell, LA 70461
St. Tammany Parish

Water supply disinfection facility, Stenner Model 45 MHP-10 Chemical injection Unit
12 Gallon Chemical Storage Tank (12 ½ % Sodium Hypochlorite Solution)
2 - 42 Gallon Hydropneumatic Storage Tank (one existing, one proposed)
½ HP Everbilt Well Jet Pump with associated SDR 26 PVC Piping
1 Existing well w/distribution Piping & Appurtenances

Mr. Redford,

In reference to the above captioned, the following information is presented for your review.

The Southern Comfort Lounge Water Supply is a system that was installed 20 to 30 years ago. The system has been in operation since that time up until recently. Much of the information detailing the design of the system has been culled from well drillers, the current owner, and persons associated with this project. Details may not truly reflect the exact parameters on the installation of the system and some conflicting and inaccurate information was provided. Items in the Design Summary Package for this current submittal have been addressed to the best of my knowledge, although not all questions have been answered as information may not be readily available.

A survey of the system was conducted on August 24, 2015 by me in an attempt to depict a more accurate representation of the water system features. This submittal lists the parameters of the water system in an as-built water supply condition.

In reply to your specific comments:

1) A complete application package is submitted for your review.
2) Page 1 of the water well information ESPA has been provided.
3) Sources of contamination have been identified on the accompanying diagram.
4) A product sheet for the Flowtec Model FP7230 Hydropneumatic Tank is provided. The specifications sheet does not specifically designate ASME code requirement construction; however, this type of tank is designed for potable water systems and used in many systems.

5) Bypass piping for the Hydropneumatic Tank shall be installed. (see system diagram)
6) As this is an extremely small water supply, the Hydropneumatic Tank will not have automatic controls to maintain water-to-air ratio. The air shall be manually injected using an access valve to be installed on the air tank.
7) A second storage tank, identical to the 42 gallon Flowtec tank shall be added to increase storage capacity. See attached calculation sheet for chlorine contact time.
8) The MSDA sheets for AquaChlor 12.5% are provided in the submittal.
9) Sodium Hypochlorite shall be stored in the pump house. The ESPA page has been corrected.
10) The certified operator shall take the chlorine residuals.
11) The water system shall be disinfected in accord with LAC 51, Part XII, 351 and tested in accord with LAC 51, Part XII, 353.

1) Water supply disinfection facility, Stenner Model 45 MHP-10 Chemical injection Unit
2) 12 Gallon Chemical Storage Tank (12 ½ % Sodium Hypochlorite Solution)
3) 2 - 42 Gallon Hydropneumatic Storage Tank (one existing, one proposed)
4) ½ HP Everbilt Well Jet Pump with associated SDR 26 PVC Piping

The Chlorine injection point shall be after the check valve but before the storage tank.

Respectfully,

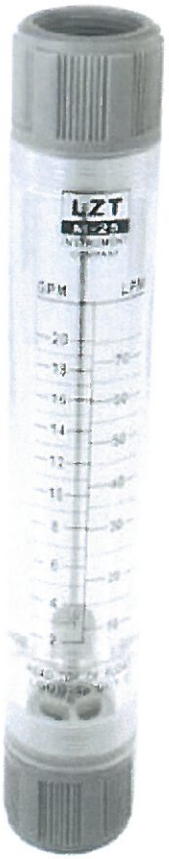
Brian A. Mistich, P.E.
Dammon Engineering
554 Old Spanish Trail
Slidell, LA 70458
985-649-5832

Amico 2-20GPM Water Tube Design Liquid Flowmeter Measure 1"PT Dia Input

Description Item # SPM9818198625 Model # PRO3286783878

2-20GPM Water Tube Design Liquid Flowmeter Measure 1"PT Dia Input - Flowmeter measuring the oil or water easy to read for its clear scale.Straight tube style connect the liquid tube by two end thread.Stainless steel material inner and glasses tube design.Read float at largest diameter you will kow the flow of water.
Amico - 2-20GPM Water Tube Design Liquid Flowmeter Measure 1"PT Dia Input

- Flowmeter measuring the oil or water easy to read for its clear scale.
- Straight tube style connect the liquid tube by two end thread.
- Stainless steel material inner and glasses tube design.
- Read float at largest diameter you will kow the flow of water.



Material Safety Data Sheet

AQUACHLOR™ 10%, 12.5%
Sodium Hypochlorite Solution 10% & 12.5%

ALTIVIA

Revised 5.25.2004

ALTIVIA Corporation
1100 Louisiana, Suite 3160
Houston, Texas 77002-5217

Emergency(Chemtrec): (800) 424-9300
Product Information: (713) 658-9000

HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV	CAS#	Other limits
Sodium Hypochlorite	N/E	N/E	7681-52-9	None listed
Sodium Hydroxide	2 mg/m^3	2 mg/m^3	1310-73-2	None listed

PHYSICAL / CHEMICAL CHARACTERISTICS

Specific Gravity @ 70°F	1.13 - 1.25	NaOCl (wt %):	9.5 – 13.5
Boiling Point:	Decomposes above 40°C (104°F)	Vapor Pressure (mmHg):	N/A
Freezing Point:	< -10°F (-12°C)	Vapor Density (Air = 1):	N/A
Solubility in Water:	Complete	pH (As is):	11.5 - 13.5
Appearance/Color:	Clear, colorless to pale yellow		

FIRE AND EXPLOSION HAZARDS

Flash Point:	Non-Flammable	LEL:	N/A
Flammable Limits:	N/A	UEL:	N/A

Special Fire Fighting Procedure/Precaution: Use extinguishing media that is appropriate for the surrounding fire. Use water spray to cool fire exposed containers. Wear NIOSH/MSHA approved positive-pressure self-contained breathing apparatus and full protective clothing if involved in a fire.

Unusual Fire/Explosion Hazards: **May release toxic gases (hydrogen chloride and chlorine) upon decomposition**. Sodium hypochlorite is an oxidizing agent. Keep away from oxidizable materials in a fire situation. If possible to do so without risk, move containers from fire area to prevent over pressurization and rupture.

REACTIVITY DATA

Reactivity:	Reacts with acids, ammonia compounds, oxidizable materials, metals and reducing agents.
Stability:	Stable under proper storage conditions. May decompose upon heating and exposure to sunlight.
Incompatibility:	Acids, ammonia compounds, oxidizable materials, peroxides, metals (nickel, copper, tin, aluminum, and iron) and reducing agents.
Hazardous Decomposition/Byproducts:	**Combustion:** Hydrogen chloride and chlorine gas. **Thermal Decomposition:** Chlorine gas. Rate of decomposition increases with the concentration and with temperatures above 29°C (85°F).
Hazardous Polymerization:	Will not occur.
Condition to Avoid:	Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight. Do not store above 29°C (85°F).

HEALTH HAZARDS & MEDICAL PROCEDURES

DANGER! CORROSIVE. MAY CAUSE SKIN AND EYE IRRITATION OR CHEMICAL BURNS TO BROKEN SKIN. CAUSES EYE DAMAGE. HARMFUL IF SWALLOWED.

ROUTES OF ENTRY

Inhalation:	Irritation of the respiratory system. Mist or fumes may cause bronchial irritation, coughing, difficult breathing, nausea and pulmonary edema.
Ingestion:	Oral or gastrointestinal irritation. Corrosion of mucous membranes, perforation of esophagus and stomach may follow.
Eyes:	Liquid or mist contact can produce severe eye irritation and burns. Prolonged exposures may cause eye damage and blindness.
Skin Contact:	Liquid contact can cause blistering and eczema. Prolonged exposure may cause dermatitis.

MEDICAL PROCEDURES

Inhalation:	Remove person from exposure to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration (CPR). If individual is breathing, but with difficulty, GET IMMEDIATE MEDICAL ATTENTION.
Ingestion:	Drink large quantities of water. **Do not induce vomiting**. Do not give anything by mouth to an unconscious person. Avoid alcohol. GET IMMEDIATE MEDICAL ATTENTION. Do not use acidic antidotes or sodium bicarbonate.
Eyes:	Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. GET IMMEDIATE MEDICAL ATTENTION.
Skin Contracts:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Thoroughly clean and dry contaminated clothing and shoes before reuse. Discard footwear that cannot be decontaminated. GET IMMEDIATE MEDICAL ATTENTION.
Note to Physician:	The absence of visible signs or symptoms of burns does NOT reliably exclude the presence of actual tissue damage.

TOXICITY

The toxicity and corrosivity of sodium hypochlorite is a function of concentration and pH. This material is irritating and may be corrosive to all tissue.

Carcinogenicy:	Sodium Hypochlorite is not listed as a carcinogen by NTP, IARC, ACGIH, or OSHA.
Toxicity:	The acute oral LD50 (rat) is 12 g/kg.

CONTROL MEASURES

PERSONAL SAFETY EQUIPMENT

Ventilation:	Use closed systems when possible. Provide local exhaust ventilation where vapor or mist may be generated. Ensure compliance with applicable exposure limits.
Respiratory:	Cartridges must be NIOSH/MSHA approved against chlorine. In case of fire, use SCBA for rescue. A respiratory protection program that meets 29 CFR 1910.134 must be followed whenever workplace conditions warrant use of a respirator.
Hands-Body:	Wear chemical resistant clothing, rubber gloves (natural rubber, neoprene, nitrile, or PVC), aprons, or slicker suit and rubber boots when potential for contact with the material exists. Contaminated clothing should be removed, then discarded or laundered.
Face-Eyes:	Wear splash resistant safety goggles with a face shield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

HANDLING AND STORAGE

Storage:	Sodium Hypochlorite can be stored in approved rubber lined stainless steel tanks, fiberglass tanks (with a UV stabilizer package) or high density cross linked polyethylene (HDXLPE) tanks. As materials of construction vary, consult the tank manufacturer for compatibility with sodium hypochlorite before use. Store in a cool dry place away from heat sources and direct sunlight. Avoid heat, flames, sparks and other sources of ignition. Keep separated from incompatible substances. Do not reuse storage containers unless properly reconditioned.
Handling:	Wear appropriate protective clothing. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors and mists. After handling, always wash hands thoroughly with soap and water. Use only with adequate ventilation.
Spill or Leak:	Wear protective clothing and equipment. For large spills isolate hazard area and deny entry to unnecessary or unprotected personnel. Dike far ahead of liquid spill for later disposal. Prevent liquid from entering sewers or waterways. Sodium hypochlorite can be neutralized with weak reducing agents. Adequate ventilation is required when containing spills/leaks.
Disposal:	Any disposal practice must be in compliance with local, state and federal laws and regulations. May be subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous waste Number: D002. This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) Permit and the permitting authority has been notified in writing prior to the discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

CONTAINER DISPOSAL: Triple rinse container. Then offer for recycling or reconditioning, or puncture and dispose of it in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning.

OTHER INFORMATION
TRANSPORTATION INFORMATION

DOT Shipping Name: Hypochlorite Solution, Corrosive

Class: 8	UN#: 1791	Packing Group: PG III	RQ: 100 lbs. (Sodium Hypochlorite)

REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT):
All components of this mixture are listed on the TSCA Chemical Inventory.

SARA TITLE III, SECTION 302:
Not listed as an Extremely Hazardous Substance.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):
Subject to reporting requirements under CERCLA (40 CFR 302).

CERCLA REPORTABLE QUANTITY:
Releases of Sodium Hypochlorite in quantities equal to or greater than the reportable quantity (RQ) of 100 pounds are subject to reporting to the National Response Center under CERCLA, Section 304 SARA Title III.

SARA TITLE III - HAZARD CLASSES:
Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: Yes (May release toxic gases on decomposition)
Sudden Release of Pressure Hazard: No
Reactivity Hazard: No

SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION:
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To Know Act (EPCRA) of 1986 and of 40 CFR 372:

CAS NUMBER	INGREDIENT NAME	PERCENT BY VOLUME
No	No	No

This information must be included on all MSDS's that are copied and distributed for this material.

OTHER INFORMATION
HAZARD CODES

NFPA		HMIS	
Health:	3	Health:	3
Flammability:	0	Flammability:	0
Reactivity:	1	Reactivity:	1
OXIDIZER			

Rating System
0= No Hazard
1= Slight Hazard
2= Moderate Hazard
3= Serious Hazard
4= Severe Hazard

Disclaimer of Warranty:
The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. ALTIVIA provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration, and investigation. You should satisfy yourself that you have all current data relevant to your particular use. ALTIVIA knows of no medical condition, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.

Chlorine Contact Time

2 employee @ 20 gpd

120 90

Tank Volume: 42 gallons..... 30 gallons useful liquid storage

40 seats * 25 gallons per seat = 1000 gallons/day SC Lounge

2 employees * 20 gal/employee 40 Tire place

12 hour open time for lounge == 1.38 gallons usage per minute

1.5

1.38 gallons/minute * 30 minutes = 41.66 gallons of storage for 30 minute contact time (required)

45

A second storage tank shall be installed to increase contact time to exceed the 30 minutes requires.

Tank Volume: 2 X 42 gallons = 84 gallons..... 60 gallons useful liquid storage

This will exceed the 30 minute contact time required. (43 minutes contact time)

Permit Application

(Complete All Applicable Pages)

Project:	**Southern Comfort Lounge Water Suppl**		
Project Type:	**WATER SYSTEM**		
Estimated Project Cost:	**$5000.00**		
Engineer:	**Brian A. Mistich**		
Telephone:	**985-285-4564**		
Parish:	**St. Tammany**	Nearest Town:	**Slidell**
Population Served:	**40**		

New System?	Existing System?
☐	☒

Project to be Owned and Operated By: (include name and address)	**Mr. Raymond B. Williams** **64491 Hwy 434** **Lacombe, LA 70445**
Proposed Project Will Connect to: (name of water and/or sewer system)	**Stand Alone**

WATER WELL

1 of 2

Project:	**Southern Comfort Lounge Water Supply**			
Engineer:	**Brian A Mistich**			
Date:	**8/24/2015**			Site Fenced? ☒Yes ☐No
General Scope of Project:	**Water Supply for a Lounge**			
Site Location: (also complete the last section of this table)	**2209 Gause Blvd East, Slidell, La**			50' Radius of Ownership? ☒Yes ☐No
Maximum # of Lots (or population):	**40**			
INTERNAL STRUCTURE (sketch on separate sheet)	Outer Casing	Linear Feet:	**340**	
		Thickness:	**.154**	
		Pounds/Foot:	**72**	
		Joint:	**unk**	
		Type of Seal to Outer Casing:	**n/a**	
	Inner Casing	Linear Feet:	**n/a**	
		Thickness:	**n/a**	
		Pounds/Foot:	**n/a**	
		Joint:	**n/a**	
	Grouting	Depth of grout:	**50**	
		Thickness:	**1 - 1/2"**	
		Method With a Setting Time of?	**unk**	
	Screen	Linear Feet:	**10**	
		Type:	**slotted pvc**	
EXTERNAL STRUCTURE (sketch on separate sheet)	Casing Head Seal? ☐Yes ☒No		Slab & Motor Foundation? ☒Yes ☐No	
	Well Vent	Diameter: (½"inch minimum) **n/a** inches		
		Down-Turned? ☐Yes ☐No		
		Terminates 24" above 10-year Flood Level or floor whichever is greater? ☐Yes ☐No		
		Twenty Four Mesh Screen? ☐Yes ☐No		
		Watertight Seal at Casing? ☐Yes ☐No		
	Drawdown Gauge:	Type (seal): **n/a**		
	Pump	Type: **centrifugal**	Power: **120 v**	
		Capacity (GPM): **10**	@ **+/- 20**	TDH (FT)
	Prime Mover:	**electric**		

WATER WELL

2 of 2

DISCHARGE PIPING	Discharge Piping Material: **pvc**	
	Down-Turned Smooth-Nozzle Sample Tap? ☒Yes ☐No Check Valve? ☒Yes ☐No Shutoff Valve? ☒Yes ☐No Discharge Bypass? ☐Yes ☒No Pressure Gauge? ☒Yes ☐No Means of Measuring Flow? ☒Yes ☐No	
COMPLETION SPECIFICATIONS	Disinfection Method: (include chlorine dosage and retention time)	**NSF Sodium Hypochlorite Solution , 43 minutes contact time**
	Drinking Water Analysis for New Water Sources	Chemical testing to be performed prior to being placed into service? ☐Yes ☒No
		Bacteriological testing to be performed prior to being placed into service? ☒Yes ☐No
	Abandoned Holes? ☐Yes ☒No	
NAME OF CERTIFIED OPERATOR:	**Kerry Craig, #44512**	
LOCATIONAL INFORMATION	Coordinates: Latitude **30°17' 15. 6"N** Longitude **89°43' 51. 2"W** OR Latitude . °N Longitude . °W	
	Geographic Datum: NAD83 ☐ WGS84 ☐ NAD27 ☐	
	Collection Method: GPS ☐ — DGPS/WAAS enabled? Yes ☐ No ☐ — Horizontal Accuracy? _____ meters Map ☐ Specify: _____ Scale: _____	

WATER SUPPLY FINISHED WATER STORAGE

Project:	**Southern Comfort Lounge Water Supply**		
Engineer:	**Brian A. Mistich**	Site Fenced? ☒Yes ☐No	
Date:	**8/24/2015**		
Site Location:	**2209 Gause Blvd East, Slidell, La**		

Type of Storage Facility:

☐Treatment Plant Storage (i.e. clearwell) ☒Hydropneumatic Pressure Tank
☐Elevated Storage Tank ☐Ground Storage Tank

SIZE	Diameter/Depth:	**16"**
	Height and/or Length:	**53.5"**
	Elevation:	**2' above ground level**
	Shape:	**cylindrical**
	Capacity (gal):	**42**
	Material (type):	**steel**
	Wall Thickness:	**unk**
	Cover Thickness:	**n/a**
	Floor Thickness:	**n/a**
Base Construction:	**steel**	
Corrosion Control:	**paint**	

COATING	Interior: **epoxy** NSF Approved Yes ☒ No ☐	Cathodic Protection? ☐Yes ☒No
MANHOLE	Size: **n/a**	
	Overlap 2"? ☐Yes ☐No Water Tight? ☐Yes ☐No Accessible? ☐Yes ☐No Secure? ☐Yes ☐No	

OVERFLOW PIPING (n/a for pressure tanks)	Turned Down 12"-24" Above Grade? ☐Yes ☐No Screened? If Flapper, Screened Inside? ☐Yes ☐No Splash Pad or Inlet Drainage Structure? ☐Yes ☐No Diameter **n/a** inches
VENTS (n/a for pressure tanks)	Turned Down 24" Above Roof or Sod? ☐Yes ☐No Twenty Four Mesh Non-Corrodible Screen? ☐Yes ☐No Diameter **n/a** inches
GENERAL	Bypass to Bring Out of Service? ☒Yes ☐No Pressure Gauge? ☒Yes ☐No Water Level Control Equipment? ☒Yes ☐No Water Level Indicating Device? ☐Yes ☒No Steel Structures Meet AWWA Standard? ☒Yes ☐No Down-Turned Smooth-Nozzle Sample Tap? ☒Yes ☐No

WATER SUPPLY FINISHED WATER STORAGE

2 of 2

PRESSURE TANKS	Water Sight Glass? Automatic or Manual Air Blow Off? Pressure Switch For Pumps? Means for Adding Air? If Air Compressor, Give Capacity: ____CFM @____PSI	☐Yes ☒No ☐Yes ☒No ☒Yes ☐No ☒Yes ☐No
TREATMENT PLANT STORAGE (clearwells only)	Minimum Two Clearwell Compartments Provided?	☐Yes ☐No
Disinfection Method: (include chlorine dosage and retention time, including calculations)	**NSF Sodium Hypochlorite Solution , 43 minutes contact time -- 40 persons, 25 gpp, 12 hour operating time**	Testing ☒Yes ☐No
PIPING	Influent: **1"** (diameter-inches)	**pvc** (type of pipe)
	Effluent: **1"** (diameter-inches)	**pvc** (type of pipe)
LOCATIONAL INFORMATION	Coordinates: Latitude **30°17' 16. 0"N** Longitude **89°43' 53. 5"W** OR Latitude . °N Longitude . °W	
	Geographic Datum: NAD83 ☐ WGS84 ☐ NAD27 ☐	
	Collection Method: GPS ☐ — DGPS/WAAS enabled? Yes ☐ No ☐ — Horizontal Accuracy? _____ meters Map ☐ Specify: _____ Scale: _____	

WATER DISTRIBUTION SYSTEM

Project:	**Southern Comfort Lounge Water Supply**		
Engineer:	**Brian A. Mistich**		
Date:	**8/24/2015**		
General Scope of Project:	**SDR 26 PVC**		
PIPES	Material: (specify ASTM standard, dimension ratio-DR, AWWA Standard, and pressure class)		NSF 61 & NSF 372 Listed? ☒Yes ☐No
	Size: (Min 3" water main. Min 6" water main for fire protection. Water mains proposed with less than 3" diameter require justification with hydraulic analysis and future water use considerations provided and will only be allowed in special circumstances)	**2" Water well, 2" delivery line**	
JOINTS & MATERIALS:	**Glue Joints**		
	PVC		
LAYOUT	Valve Spacing:	**n/a**	
	Means of Flushing Dead Ends? ☒Yes ☐No		
	Number of Surface Water Crossings/Encounters?	**0**	
	Location with Respect to Sewers:	Maintain 18" Minimum Vertical Clearance @ Crossings? ☒Yes ☐No	
		Maintain 6' Minimum Horizontal Clearance? ☒Yes ☐No	
Normal Operating Pressure:	**38 psi**		
Minimum System Pressure:	**25 psi**		
DISINFECTION METHOD (include chlorine dosage and Retention time):	**NSF Sodium Hypochlorite Solution , 43 minutes contact time**		
Owned and Operated By: (include name and address)	**Mr. Raymond B. Williams 64491 Hwy 434 Lacombe, LA 70445**		
NAME OF CERTIFIED OPERATOR:	**Kerry Craig, #44512**		
ADDITIONAL COMMENTS:	**This is an existing system that has served the lounge for over 20 years**		

DISINFECTION

Project:	**Southern Comfort Lounge**
Engineer:	**Brian A. Mistich**
Date:	**8/24/2015**
General Scope of Project:	**Water Supply for a Lounge**
Site Location:	**2209 Gause Blvd East, Slidell, La**
TYPE OF DISINFECTION:	Chlorine: ☐ Gas ☒ Solution Ammonia: ☐ Anhydrous (gas) ☐ Ammonium Sulfate (solution) ☐ Ammonium Hydroxide (Aqua Ammonia) ☐ Other (please explain):
FEEDERS/PUMPS:	# of Feeders/Pumps (2 minimum): **1 active, 1 stanby** Type: **positive displacement**
GENERAL:	Standby Equipment? ☒Yes ☐No Stored in Areas Not in Direct Sunlight? ☒Yes ☐No Vented to Outside? ☒Yes ☐No Enough Space for 30 Days Storage? ☒Yes ☐No
STORAGE OF CHLORINE GAS:	Chlorine Storage & Feed System Building Separated? ☐Yes ☐No Doors Open Outward? ☐Yes ☐No Shatter-Resistant Inspection Windows? ☐Yes ☐No Fan/Light Switches Located Outside? ☐Yes ☐No Air Inlet Near Ceiling? ☐Yes ☐No Vent Fan Near Floor? ☐Yes ☐No Cylinders Restrained in Position? ☐Yes ☐No Weighing Scales? ☐Yes ☐No
STORAGE OF AMMONIA GAS or AQUA AMMONIA:	Ammonia Storage & Feed System Building Separated? ☐Yes ☐No Fan/Light Switches Located Outside? ☐Yes ☐No Forced ventilation? ☐Yes ☐No Shatter-Resistant Inspection Windows? ☐Yes ☐No Leak Detection Systems in all Areas Through Which Ammonia is Piped? ☐Yes ☐No

To: DNR

From: Richard Chabreck

Reference: Unregistered water well (Southern Comfort Lounge)

Owner: Mr. and Mrs. Raymond B. Williams, Slidell, LA

The well for the Southern Comfort Lounge in Slidell, LA at 2209 Gause Blvd. E. was apparently never registered with the DOTD. The establishment requires the well registration because it has new owners.

The well was drilled by Merlin Anthon (deceased). Mr. Anthon was respected in the water well business, and I knew him well. I can attest that he followed the rules and standards of constructing a non-community public supply well. The well would be grouted 50' below the ground surface.

The driller's log information is taken from a nearby well. Please accept this registration on behalf of the owners.

Sincerely,

Richard Chabreck

ST. TAMMANY PARISH
DEPARTMENT OF ENVIRONMENTAL SERVICES
SEWERAGE INSPECTION PERMIT

SIP #: 12-0042

Expiration Date: 8/17/2012

Address: 2213 East Gause

City State Zip: Slidell LA 70433-

Meter #:

At the time of our limited inspection, the sewerage system at the above reference location appears not to pose an apparent public health or environmental problem. Therefore, an electrical connection is hereby authorized.

Please be advised that the issuance of this permit in no way relieves the homeowner of responsibility for the proper operation and maintenance of the referenced sewerage system. Also be advised that St. Tammany Parish, Department of Environmental Services does hereby reserve the right to require maintenance and/or repairs to the existing system, or if deemed necessary, the installation of a new sewerage treatment system.

Signature: _____

Latitude: + 30° 17' 16" North
Longitude: - 89° 43' 51" West

OUTFALL INFORMATION

Outfall 001:

Discharge Description: treated sanitary wastewater totaling less than 2,500 gallons per day (GPD) maximum quantity
Parish: St. Tammany Parish
Outfall Flow: 60 GPD
Outfall Location: at the point of discharge from the sewage treatment plant
Discharge Route: unnamed drainage ditch, thence into French Branch, thence into Doubloon Bayou

LDEQ Subsegment Number: 090202
Effluent Limits Basis: Water Quality Regulations, LAC 33:IX.2515 and 2701 and the St. Tammany Parish Areawide Policy and all associated TMDLs.

Wastewater Treatment: 500 GPD sewage treatment plant

RECEIVING WATERS

Basin: Pearl River Basin
Subsegment number: 090202

The Designated Uses of this subsegment are as follows:

Primary Contact Recreation
Secondary Contact Recreation
Propagation of Fish and Wildlife
Outstanding Natural Resource Waters

303(d) Status:

Section 303 (d) of the Clean Water Act, as amended by the Water Quality Act of 1987 and EPA's regulations at 40 CFR 130, require that each state identify those waters within its boundaries that are impaired and as a result do not meet water quality standards. The Clean Water Act further requires states to implement plans to address impairments. LDEQ is developing Total Maximum Daily Loadings Studies (TMDLs) to address impaired waterbodies.

Subsegment 090202, West Pearl River-from confluence with Holmes Bayou to the Rigolets, is not listed on LDEQ's Final 2010 303(d) list as impaired. However, subsegment 090202 was previously listed as impaired for mercury and turbidity, for which the below TMDLs have been developed. The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional TMDLs and/or water quality studies. The DEQ also reserves the right to modify or revoke and reissue

BOBBY JINDAL
GOVERNOR

PEGGY M. HATCH
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

FEB 02 2012

CERTIFIED MAIL 7004 2510 0006 3849 4326
RETURN RECEIPT REQUESTED

AI No: 179544
Activity No: GEN20110001

Ms. Marcia Williams
64491 Hwy 434
Lacombe, LA 70445

RE: Louisiana Pollutant Discharge Elimination System (LPDES) General Sanitary Class I Permit LAG533956

Dear Ms. Williams:

The Office of Environmental Services (Office) has received and reviewed your application for a water discharge permit for your office located at 2213 Gause Blvd East in Slidell, St. Tammany Parish. This facility has been determined eligible for coverage under our general permitting system. Therefore, pursuant to the Louisiana Environmental Quality Act (LA R.S. 30:2001, et seq.), the attached Louisiana Pollutant Discharge Elimination System general permit number LAG533956, has been issued and is effective on the date of this letter authorizing

Ray Williams
Williams Rental Property Lots 13 & 14
2213 Gause Blvd East
Slidell, LA 70461

Telephone Number: (985) 882-2280

to discharge treated sanitary wastewater from your facility into an unnamed drainage ditch, thence into French Branch, thence into Doubloon Bayou in subsegment 090202 of the Pearl River Basin. If at anytime changes occur at this facility resulting in an increased discharge volume, you are required to notify the Department immediately.

To ensure that all correspondence regarding this facility is properly filed into the Department's Electronic Document Management System, you must reference your Agency Interest number AI 179544 and LPDES general permit authorization number LAG533956 on all future correspondence to this Department.

Your facility will be assessed an Annual Maintenance and Surveillance Fee to be invoiced separately by the agency. Annual fee amounts are subject to adjustment at a later date by promulgation of changes in the Louisiana Administrative Code. Pursuant to LAC 33:IX.1309.I, LAC 33:IX.6509.A.1 and LAC 33:I.1701, you must pay any outstanding fees to the Department. Therefore, you are encouraged to verify your facility's fee status by contacting LDEQ's Office of Management and Finance, Financial Services Division at (225) 219-3863 or on the LDEQ website at www.deq.louisiana.gov/fiscalreports. Any outstanding fees must be remitted via a check to the Louisiana Department of Environmental Quality within thirty (30) days after the effective date of your permit. Failure to pay the full amount due in the manner and time prescribed could result in applicable enforcement actions as prescribed in the Environmental Quality Act, including, but not limited to revocation or suspension of the applicable permit, and/or a civil penalty against you.

)EQ reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future. Additional nitations and/or restrictions are based upon water quality studies and can indicate the need for advanced wastewater :atment. Water quality studies of similar dischargers and receiving water bodies have resulted in monthly average effluent nitations of 5mg/L $CBOD_5$ and 2 mg/L NH_3-N. Prior to upgrading or expanding this facility, the permittee should contact)EQ to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

copy of the permit can be accessed and printed from LDEQ's Internet website at :tp://www.deq.louisiana.gov/portal/ using the following path: **DIVISIONS – Water Permits – LPDES Permits – PDES General Permits – LAG530000 or by entering the Document ID 6021014 in LDEQ's Electronic Document lanagement System (EDMS) search window found at http://edms.deq.louisiana.gov/app/doc/querydef.aspx. In the /ent you are unable to access and/or print a copy of this permit for your records from one of the above listed sources, lease contact the Water Permits Division at (225) 219-9371 to request a hard copy be sent by mail. In compliance with AC 33:IX.2701.H, the permittee may be required to provide their own copy of the permit. Please read the entire ermit very carefully to ensure that you thoroughly understand the conditions of the permit.**

he permittee shall follow the final effluent limitations and monitoring requirements in **Part I, Section B, Schedule A, Page 3 f 16.** The remainder of the schedules listed in Part I shall not apply to this facility. Please see Appendix A for more ıformation.

Monitoring results shall be reported to the Enforcement Division on a Discharge Monitoring Report (DMR) form per the chedule specified. A copy of the form is attached for your use. Pursuant to Part II, Section N of the general permit, one set of riginal DMRs and one set of copies are to be sent to the Enforcement Division, Office of Environmental Compliance, ouisiana Department of Environmental Quality, P.O. Box 4312, Baton Rouge, Louisiana 70821-4312.

or all sanitary treatment plants, the plans and specifications must be approved by the Department of Health and Hospitals,)ffice of Public Health, P.O. Box 4489, Baton Rouge, Louisiana 70821-4489, (225) 342-7395.

lease be advised that according to LA R.S. 48:385, any direct discharge to a state highway ditch, cross ditch, or right-of-way hall require approval from the Louisiana Department of Transportation and Development, P.O. Box 94245, Baton Rouge, ouisiana 70804, (225) 379-1927, and from the Department of Health and Hospitals, Office of Public Health, P.O. Box 4489, 3aton Rouge, Louisiana 70821-4489, (225) 342-7395.

f you have any questions about the issuance of a general permit for this facility, please contact Ms. Rachel Davis at the address on the first page of this letter or telephone (225) 219-3515.

Sincerely,

Tom Killeen, Environmental Scientist Manager
Municipal and General Water Permits Section

rod
Attachments (DMR, Appendix A, and Statement of Basis)

c: IO-W
ec: Permit Compliance Unit
Office of Environmental Compliance

Southeast Regional Office
Office of Environmental Compliance

Ms. Ashley Broom
Office of Management and Finance

Public Health Chief Engineer
Department of Health and Hospitals
Office of Public Health

Rachel Davis
Todd Franklin
Water Permits Division

Contract

This Contract is made on March 23,2015 , 20 15 ,
between William Remmenga dba: Bill's Southern Comfort Lounge ,
address: 2209 Gause Blvd. East
Slidell, LA 70461

and Kerry Craig ,
address: 73 Concord Loop
Pearl River, LA 70452

For valuable consideration, the parties agree as follows:

I, Kerry Craig, will check and maintain the Chlorine and PH levels of the chemical pump and holding tank once a month adding chemicals as necessary.

Professional Certified Operator
ID: 44512
Certifications: WP1, WT1, WD1

No modification of this Contract will be effective unless it is in writing and is signed by both parties. This Contract binds and benefits both parties and any successors. Time is of the essence of this contract. This document, including any attachments, is the entire agreement between the parties. This Contract is governed by the laws of the State of Louisiana .

The parties have signed this Contract on the date specified at the beginning of this Contract.

Signature

Signature

William Remmenga dba: Bill's Sc
Printed Name

Kerry Craig
Printed Name

LOUISIANA

Operator Certification Program

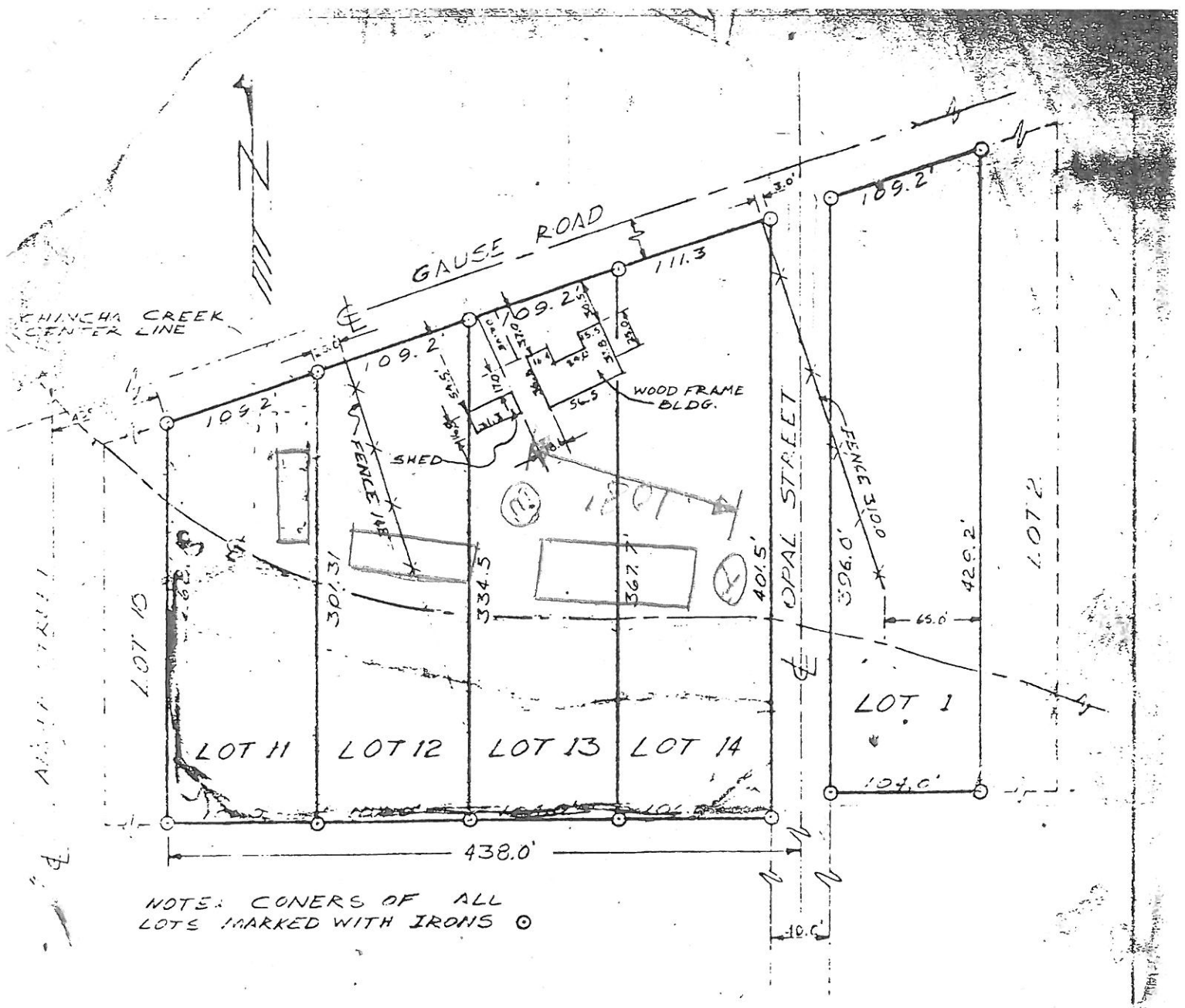
Department of HEALTH and HOSPITALS

CRAIG, KERRY J

ID: 44512 Expires: 12/31/2015

PROFESSIONAL CERTIFIED OPERATOR

Certifications: WP1, WT1, WD1



SURVEY MAP

OF

LOTS NOS. 11, 12, 13, AND 14 OF SQUARE NO. 26 AND LOT NO. 1 OF SQUARE NO 27 OF PEARL RIVER SUBDIVISON, ST. TAMMANY PARISH, LOUISIANA

FOR

RAYMOND WILLIAMS

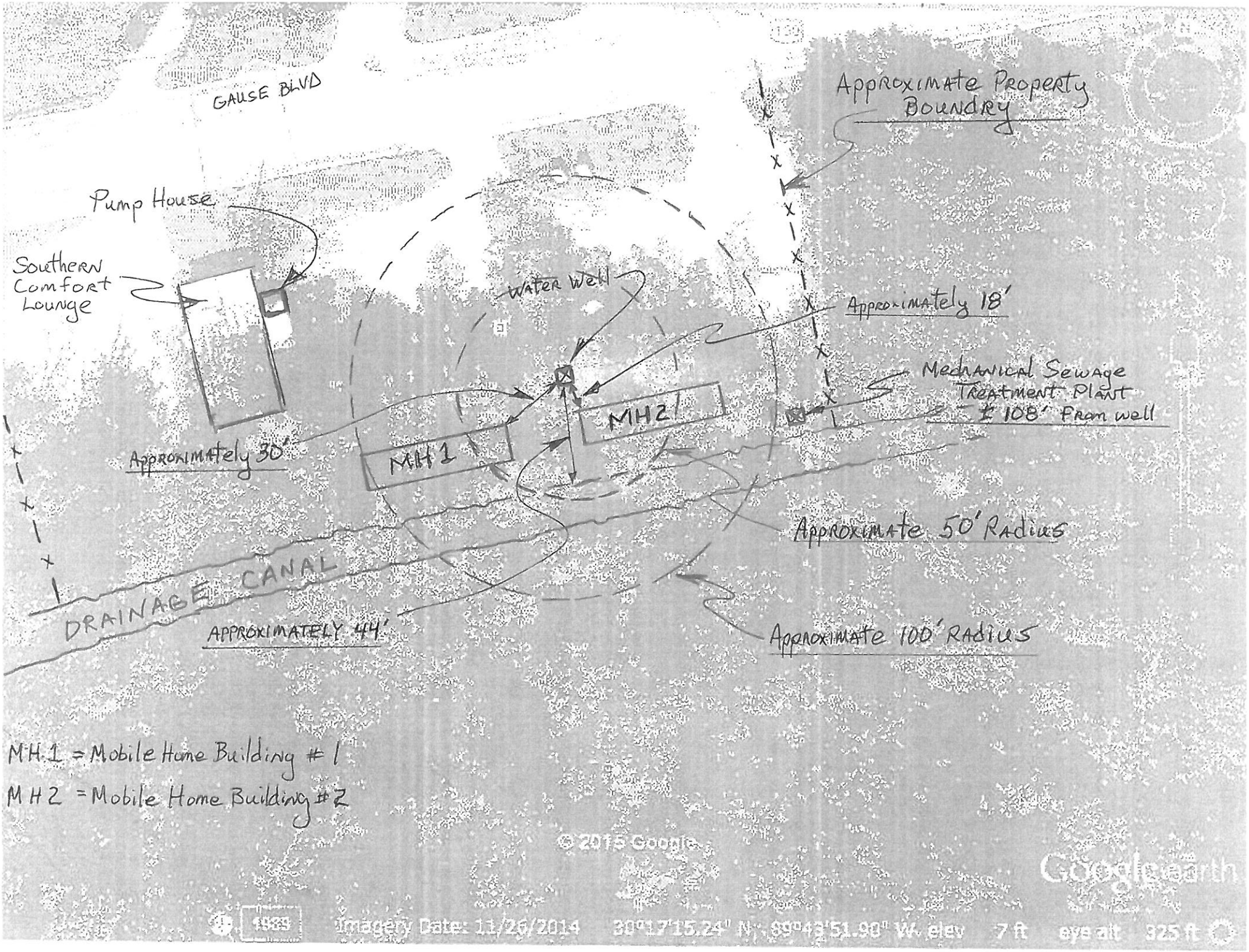
IVAN M. BORGEN
REG. No. 686
REGISTERED
SURVEYOR

THIS SURVEY IS CERTIFIED TRUE AND CORRECT BY:

IVAN M. BORGEN
NO. 686

DATE: APRIL 24, 1972
REV:
SCALE 1" = 100'-0"

SURVEY NO. 300


GAUSE BLVD
Approximate Property Boundry
Pump House
Southern Comfort Lounge
Water Well
Approximately 18'
Mechanical Sewage Treatment Plant
± 108' From well
MH2
MH1
Approximately 30'
Approximate 50' Radius
DRAINAGE CANAL
APPROXIMATELY 44'
Approximate 100' RADIUS
MH 1 = Mobile Home Building # 1
MH 2 = Mobile Home Building # 2
© 2015 Google
Google earth
Imagery Date: 11/26/2014 30°17'15.24" N 99°43'51.90" W elev 7 ft eye alt 325 ft

FP7230-08

NSF/ANSI 61
Drinking Water

Model FP7230

Air-Over-Water Pressure Tank (Tall, Vertical) - 42 Gallons

Epoxy-lined standard water tanks are excellent corrosion resistant tanks for home water systems applications such as retention tank, holding tank and pressure tank

KEY FEATURES

- Replaces any standard galvanized, glass-lined or epoxy-lined tank
- Precision press fit design minimizes gaps between components, reducing the possibility of corrosion and seam leaks
- Tough polyester exterior paint
- Air volume control tap standard on all sizes

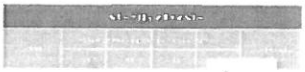
WARRANTY

1 year limited warranty

SPECIFICATIONS RESOURCES

BODY CONSTRUCTION: Heavy Gauge Steel
BODY FINISH: Electrostatically Applied Baked On Polyester
STYLE: Vertical Upright
TANK CAPACITY: 42 gal
TANK DIAMETER: 16"
TANK HEIGHT: 53-1/2"
PIPE TAP SIZE: 1-1/4" NPT

Performance



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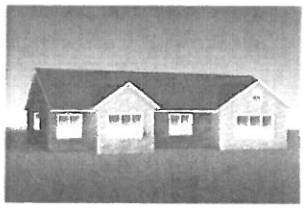
Interactive Guide



VIRTUAL HOUSE

Use our interactive water solutions guide to find products for all your home waterflow needs. Take the tour to see how our products work throughout your home.

LAUNCH

Winterizing Your Pump

Learn helpful tips to keep your pump performing properly throughout the winter months

GET TIPS

Contact Us

SYSTEM DIAGRAM