Docket Nos. UE-072300 and UG-072301

Puget Sound Energy

2011 Semi-Annual Service Quality Program Filing

Attachment B - Gas Emergency Response Plans for Outlying Areas

Centralia/Chehalis EMERGENCY RESPONSE PLAN

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EMERGENCY RESPONSE PLAN Centralia/Chehalis

How Centralia/Chehalis will be served

Regular business hours:

During regular business hours we will utilize employees who are working in Centralia/Chehalis. This could include Gas First Response, SC&P, or Quanta personnel.

After Hours:

We have identified those gas employees that live in and in close proximity to Centralia/Chehalis. Outside of normal business hours we will contact the Gas First Response employees who live in Centralia/Chehalis. (If these employees know they will be unavailable they will notify Dispatch). If the resident employees are not available, we will notify the staff identified that lives near Centralia/Chehalis, if that fails, we will move First Responders per the standard callout process, which dispatch the closest GFR personnel to the problem.

Floods:

Lewis County has had numerous 100-year floods in the past several years; this area is prone to flooding. This area may be closed to any traffic except for emergency vehicles and local traffic. In the past I-5 has been shut down. During flooding, the best way to get there may be through Littlerock or Bucoda. The Cities of Centralia, Chehalis and Lewis Co. generally inform PSE of any wash outs or any other road problems. Portions of the distribution system may need to be shut down in case of flooding.

Alternative Access:

If access by conventional means is unavailable, you may be able to deliver personnel and materials to the Centralia/Chehalis area by helicopter. The System Manager (NUMBER REDACTED, NUMBER REDACTED or NUMBER REDACTED) on duty should be called to arrange helicopter support.

PSE STAFF WHO RESIDE IN CENTRALIA/CHEHALIS

NAME REDACTED (Gas) ADDRESS REDACTED

Centralia, WA 98531 Home phone: **NUMBER REDACTED** Cell Phone: **NUMBER REDACTED** Pager: **NUMBER REDACTED**

NAME REDACTED (Gas) ADDRESS REDACTED

Centralia, WA 98531 Home phone: *NUMBER REDACTED* Cell Phone: *NUMBER REDACTED* Pager: *NUMBER REDACTED*

NAME REDACTED (Gas) ADDRESS REDACTED

Chehalis, WA 98532 Home phone: **NUMBER REDACTED** Cell phone: **NUMBER REDACTED** Pager: **NUMBER REDACTED**

NAME REDACTED (Gas) ADDRESS REDACTED Olympia, WA 98579 Home phone: NUMBER REDACTED Cell phone: NUMBER REDACTED Pager: NUMBER REDACTED

PSE STAFF WHO WORK IN CENTRALIA/CHEHALIS

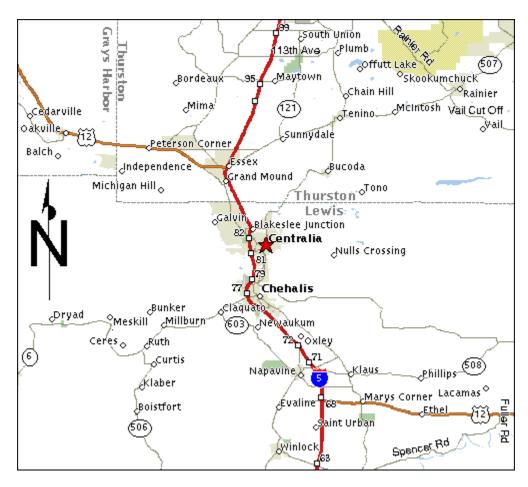
NAME REDACTED (Gas) ADDRESS REDACTED

Chehalis, WA 98532 Home phone: **NUMBER REDACTED** Cell phone: **NUMBER REDACTED** Pager: **NUMBER REDACTED**

DIRECTIONS/CENTRALIA OPERATING BASE (From Olympia)

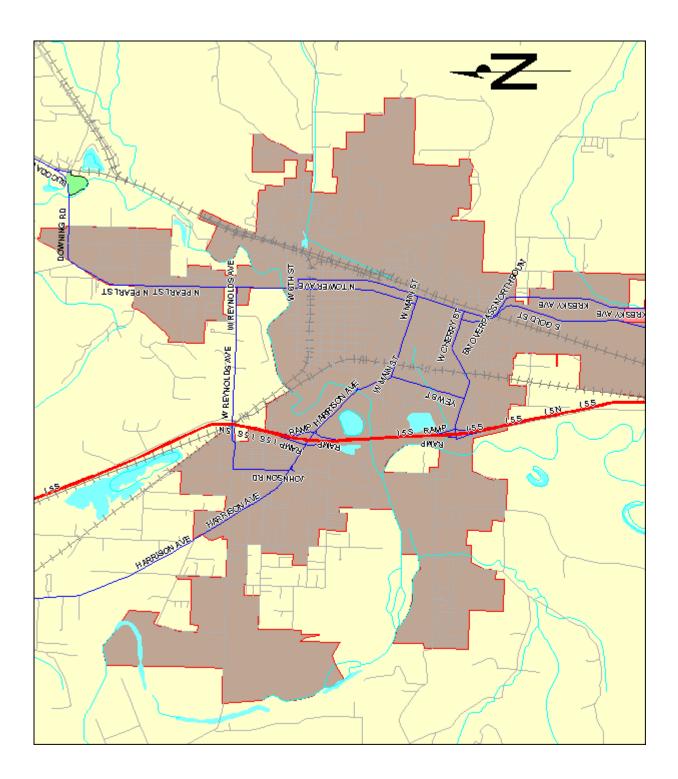
DIRECTIONS REDACTED

<u>Total Estimated Driving Time from Olympia: 31 minutes</u> <u>Total Distance: Approximately 28 miles</u>



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OPERATIONS MAP KEY Centralia

MAP REDACTED

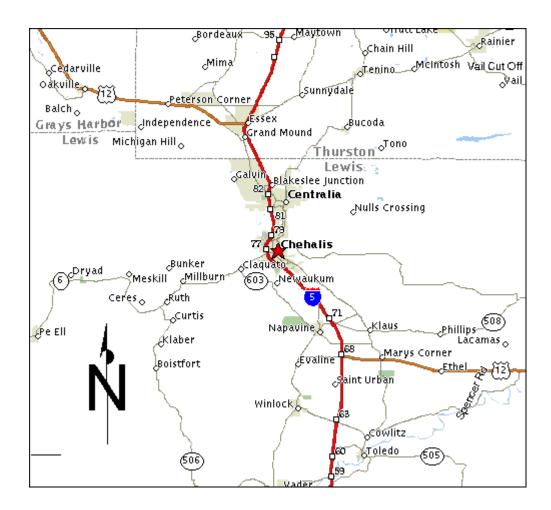


MAP REDACTED

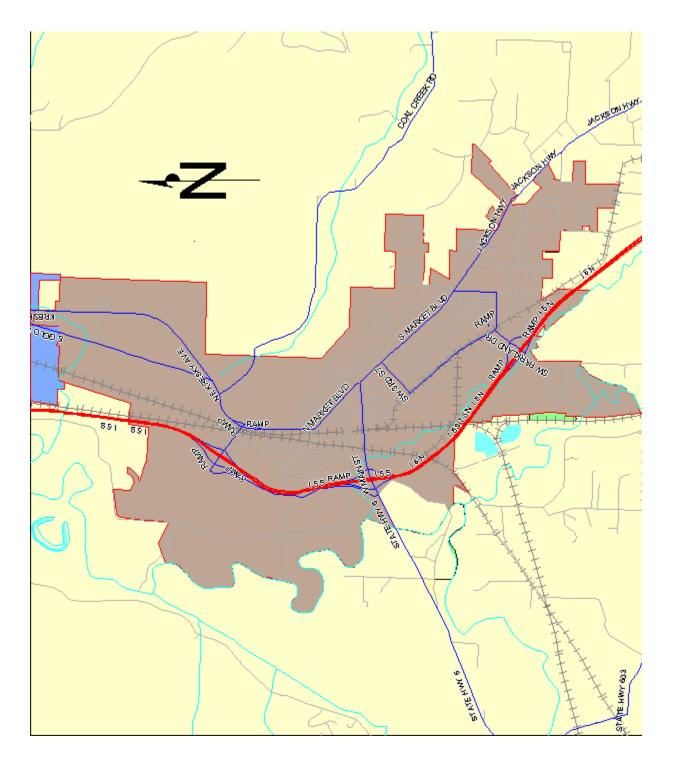
DIRECTIONS/CHEHALIS (From Olympia)

DIRECTIONS REDACTED

Total Estimated Driving Time from Olympia: 32 minutes Total Distance: 30.71 miles



CITY MAP Chehalis



OPERATIONS MAP KEY Chehalis

MAP REDACTED



MAP REDACTED

ROLES AND RESPONSIBILITIES OF THE SERVICE PROVIDERS

Quanta Contractors performs the installation of new customer construction on both residential and commercial gas services. They perform gas system upgrades and replacements, as well as, gas system operation and maintenance. In addition, Quanta responds to breaks at the request of PSE Gas Dispatch.

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Emergency Response Plan Kittitas - GAS

How Kittitas is served

Regular business hours:

During regular business hours we will utilize employees who are working in Kittitas. This could include Gas First Response personnel or SC&P.

After Hours:

Outside of normal business hours we will first contact the Gas First Response employees who live in Kittitas. Two of these employees are expected to provide 24 hour 7 days per week coverage on an alternating week basis. If one of the four resident employees is not going to be available, we will move a First Responder from the west side of the mountains. If none of these people are available, use the normal callout procedure, calling the closest person(s) to the emergency.

What to do if the pass is closed and support is needed:

The primary link between the Kittitas service territory and the rest of the company is I-90. If inclement weather has the pass closed and support personnel or material are required form the West side, call the System Manager at *(TELEPHONE NUMBERS REDACTED)* to make arrangements for aerial transport to Ellensburg.

	Home	Cell	Pager	Pvt	Addr	Job
				ID		
					REDACTED, Ellensburg	CFS Tech
				REDACTED, Ellensburg	Fitter	
				REDACTED, Ellensburg	PI Inspector	
					REDACTED , Cle Elum	PI Inspector
					<mark>REDACTED</mark> , Selah	Supervisor

PSE gas staff who reside in/near Kittitas

• These personnel have received basic training on regulator station operations and using the main line valves to control the 16" high pressure main.

<u>PSE support Staff in Kittitas –</u>

Knowledge of area and keys to facilities

Home	Cell	Pager	Nextel	Addr	Job
					CSR1
,	Cle Elum	Field Rep			
REDACTED					Comm Rel MGR

NAME REDACTED, **NAME REDACTED**, and **NAME REDACTED** all carry current flagging cards, as do the electric servicemen **NAME REDACTED** and **NAME REDACTED** noted below.

PSE Electric servicemen in Kittitas

Dispatch After hours Sys Mgr	Addr	Job
	Cle Elum	Serviceman
REDACTED	Cle Elum	Serviceman

Facilities

Puget Sound Energy's Kittitas Base is located just Off I-90 at Exit 101 West of Ellensburg.

Address ADDRESS REDACTED,, Thorp

Map and Driving Directions to Facility

DIRECTIONS REDACTED

MAPS REDACTED

Key Number NUMBER REDACTED fits the door and electronic gate NUMBER REDACTED opens the door to the tool room Access Card – unlocks all keypad readers

You will need a **PSE NUMBER REDACTED** or **access card** to enter the facility – Note there is a Lock Box near the front door that a **NUMBER REDACTED** Key will open. In the lock box is an access card as well as a key to the front door/Yard as well as the tool room.

<u>Material</u>

carry Tools and materials needed in case of a gas emergency (see Material and Tool List Available at the Facility, page 8,9).

Map o Distribution and Supply System

See the following OP (Operations) maps: MAP NUMBERS REDACTED

Roles and Responsibilities of the Service Providers and others

PSE performs the installation of new customer construction on both residential and commercial gas services, as well as, gas system operation and maintenance. Quanta responds to breaks at the request of PSE Gas Dispatch.

Mutual Assistance Agreement City of Ellensburg:

PSE has entered into a mutual aid agreement with the municipal natural gas utility at the City of Ellensburg. In the case of emergency they can be reached through the following numbers.

City of Ellensburg natural gas (daytime)NUMBERREDACTEDKittitas County 911 (dispatch after hours)NUMBERREDACTEDREDACTED

NAME REDACTED City of Ellensburg Gas engineer **NUMBER** REDACTED

Williams Pipeline:

NAME REDACTED – Operations Technician

Cell **NUMBER REDACTED** Office **NUMBER REDACTED**

Sat **NUMBER REDACTED**

Material and Tool List Available at the Facility

Kittitas Emergency Supply Equipment

Weld Equipment

Oxy/acetylene - One bottles each of oxygen and acetylene will be stored at the facility in the warehouse.

Equipment store on the trailer at PSE's facility

Squeeze Tools:

4" and 6" PE Squeeze Machines and Hydraulic pump

Breathing Air:

4 – 1 hour bottles 4 – 5 min bottles

4 – large face masks

Electrofusion:

2", 4" and 6" clamps 1 – 2500 watt generator Electrofusion machine

Leak Clamps:

Full circle clamps - 2" by 12" long - two Full circle clamps - 4" by 12" long - two Full circle clamps - 6" by 12" long - one

Incidental equipment:

Wood plugs – variety of sizes Fire Extinguisher

Tool Room Inventory:

Shoring: - in tool room
Three 24" spreaders and pump
Four - 4 X 4' sheets of board (in PSE secured parking)
Four - 4 x 8' sheets of board (in PSE secured parking)
Fusion:
2" and 4" plates facer etc.

Flagging

Signs and standards – Available in PSE secured parking in area next to pre-tested pipe

Covered Storage next to covered parking:

Pre tested pipe 1¹/₄", 2", 4" and 6" pipe. Valve Keys

Backhoe

PSE does not maintain a backhoe at the Kittitas facility. When a backhoe has been required one has been either rented from Potelco (who co-occupies the base) or United Rentals located in Ellensburg.

In the case of an emergency where a backhoe is required on site the following options are presented:

- 1. The PSE electric shift operators at **NUMBER REDACTED** or **NUMBER REDACTED** who regularly dispatch electric outage work to Potelco in Kittitas. As such, they would notify Potelco of an immediate need for a backhoe and the location for it to be delivered. If so specified, they could provide an IBEW operator as well.
- 2. The City of Kittitas has an operator and hoe that can be used for emergencies within the city limits of Kittitas if they can be reached and the equipment is available. They can be reached at **NUMBER REDACTED** during normal working hours. The operator's name is **NAME REDACTED**.

Sumas Generating Station and Pipeline EMERGENCY RESPONSE PLAN

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Purpose of this plan:

This document is intended to provide guidance for responding to emergencies on the pipeline serving the Sumas Generating Station which is isolated from our franchised distribution service territory.

This plan is not intended to be a detailed and comprehensive emergency plan. For those details, please refer to the Corporate Emergency Plan, Gas Operating Standards and Field Procedures.

In the case that this document conflicts with the Corporate Emergency Plan, Gas Operating Standards or Field Procedures, those documents shall take precedence.

How Sumas Generating Station is served

Regular business hours:

During regular business hours we will first utilize employees who are working at the Generating Station and get Gas Operations employees enroute from Snohomish County. This could include Gas First Response personnel and/or SC&P.

When personnel from Gas Operations travel to the Sumas area for regular duties they should notify Gas Control and Gas Operations Dispatch to let them know they will be in the area, and for approximately how long.

Gas Control

Gas Operations Dispatch

NUMBER REDACTED NUMBER REDACTED

After Hours:

Outside of normal business hours we will first contact the Gas First Response and System Control & Protection employees who live closest to Sumas. If none of these people are available, use the normal callout procedure, calling the closest person(s) to the emergency.

What to do if highways are closed and support is needed:

If inclement weather, an accident or incident has the primary routes (I-5 and SR-9) closed and support personnel or material are required from the service area, call the System Manager at **NUMBER REDACTED**, **NUMBER REDACTED**, **NUMBER REDACTED** or **NUMBER REDACTED** to make arrangements for aerial transport to Sumas.

PSE gas staff who reside nearest to Sumas or are responsible for the pipeline and stations in the Sumas Area

Name	Home	Cell	Pager	Job
				Pressure Control
				Instrumentation
				PI Inspector
	REDACTED			CFS Technician
				CFS Technician
				Pressure Control
				CFS Technician
				CFS Technician
				Industrial Meter Operations
				GFR Fitter
				GFR Fitter
				GFR Supervisor
				GFR Supervisor
				GFR Supervisor
				Pressure Control Supervisor

- These personnel have received basic training on pipeline and station operations and using the main line valves to control the 8" high pressure transmission line.
- Call PI Inspectors for emergency locates.

PSE support Staff in Whatcom County –

Knowledge of area and keys to facilities

	Home	Cell	Office		Job	
					Plant Manager	
					Plant O&M Supervisor	
	/	REDACTED				
					CT Journey Worker	
					CT Journey Worker	
					CT Journey Worker	

PSE Electric servicemen in Whatcom County

	Home	Cell	Pager	Job
				Service Lineman
REDACTED				Service Lineman
				Service Lineman

Emergency Numbers	nt B - Gas Emergency Respons	e Plans for Outlying Areas, Page 25 of 74
Police / Fire / 911 / Emergency	Management	
Whatcom County 911	Dispatch	NUMBER REDACTED
Whatcom County Emergency		NUMBER REDACTED
Management		
Washington State Patrol		NUMBER REDACTED
Sumas Police Department		NUMBER REDACTED
Sumas Fire Department	Chief Debruin	NUMBER REDACTED
	Mobile	
Bellingham Fire Department		NUMBER REDACTED
Lynden Fire Department		NUMBER REDACTED
J	Chief Barr	
Puget Sound Energy – Gas and E		
Gas Control	PSE ext	
	Outside dialing	
Gas Operations Dispatch	PSE ext	NUMBER REDACTED
	Outside dialing	NUMBER REDACTED
Load Office	PSE ext	NUMBER REDACTED
	Outside dialing	NUMBER REDACTED
	Toll free	NUMBER REDACTED
System Operations Supervisor	Toll Free	NUMBER REDACTED
U.S. Government – Department o	of Homeland Secu	
U.S. Customs		NUMBER REDACTED
U.S. Border Patrol		NUMBER REDACTED
Canada Customs (Canada Border		NUMBER REDACTED
Services Agency)		
Sumas Concepting Station		
Sumas Generating Station	24 hour	
Generating Station	24 hour	
Control Room Mobile phone	Emergency only	NUMBER REDACTED
Plant O&M Supervisor		NUMBER REDACTED
Plant Manager		NUMBER REDACTED
Other Utilities and Pipelines		
Westcoast Energy / Spectra Energy	Gas Control	NUMBER REDACTED
Westcoast Energy / Spectra Energy Williams Pipeline Sumas District	Office	NUMBER REDACTED
Office	Gas Control	NUMBER REDACTED
Once	Gas control	NOWDER REDACTED
Cascade Natural Gas	Dispatch	NUMBER REDACTED
Contractors		
Quanta Contractors Inc.	Office	NUMBER REDACTED
	Mobile	NUMBER REDACTED
Kurt Myhre – Superintendent -		NOWBER REDACTED
Marysville Snelson Companies Inc.		NUMBER REDACTED
		NOWDER REDACTED
	1	

Facilities

Puget Sound Energy's Sumas Generating Station is located at **ADDRESS REDACTED**, (address was **ADDRESS REDACTED** and may be listed that way elsewhere).

Generating Station – ADDRESS REDACTED PICTURE REDACTED

DIRECTIONS REDACTED

PICTURE REDACTED

DIRECTIONS REDACTED

PICTURE REDACTED

DIRECTIONS REDACTED

PICTURE REDACTED

DIRECTIONS REDACTED

Border Crossing/Regulator Station – ADDRESS REDACTED

PICTURE REDACTED

DIRECTIONS REDACTED

PICTURE REDACTED

DIRECTIONS REDACTED

Map and Driving Directions to Generating Station

The facility is located at **ADDRESS REDACTED** (see page 10 for map to Border Crossing / Regulator Station).

From I-5 North at Bellingham Instruction

For

INSTRUCTION REDACTED

MAP REDACTED

Map and Driving Directions to Border Crossing / Regulator Station

The facility is located at **ADDRESS REDACTED** (see page 9 for map to Generating Station, and page 13 for schematic). The regulator station sits **LOCATION REDACTED**.

From I-5 North at Bellingham Instruction

For





Directions from Generating Station to Border Station

For directions from I-5 northbound, see page 9 for map to Generating Station, and page 10 for map to Border Crossing / Regulator Station.

Mile Instruction

For

INSTRUCTION REDACTED

MAP REDACTED

<u>Access to Facilities</u> Key Number <mark>NUMBER REDACTED</mark>

Sumas Generating Station

Unless the gates are opened prior to your arrival, you will need to call on the call box to the left of the gates to enter the facility. There are two gates, one at the front of the lumber yard, one at the entrance to the Generating Station (behind the lumber yard). Once you are inside the gates, the Generating Station regulator station is opened with a Best **NUMBER REDACTED** key.

Border Regulator Station

The chain link fence around the station is locked with a padlock that uses a **NUMBER REDACTED**. The door to the regulator station building is opened with a Best **NUMBER REDACTED** key.

Border Custody Transfer Point

This area is about 100 yards north and slightly west of the border regulator station. From the border regulator station, there is a gravel path to the west behind the BP regulator station, then to the north to the PSE border custody transfer point. BP and Cascade Natural Gas have facilities immediately to the west of the PSE facilities. See page 16 for an aerial photograph. The chain link gate and valves are locked with padlocks that use a **NUMBER REDACTED** key.

Emergency Response – Odors, leaks or line breaks

The plant is operated 7x24

If emergency calls are received at the Sumas plant phone number; upon receipt of an emergency call, plant personnel will;

- Immediately notify PSE Gas Control NUMBER REDACTED or NUMBER REDACTED
- Immediately respond to the location of the report.
- Upon arriving on site, plant personnel will call Gas Control to notify them of their arrival.
- Investigate the report to the best of their ability and notify Gas Control of their findings.
- If the situation presents a threat to life or property, they shall shut down the pipeline.
- If it is necessary to shut down the pipeline;
 - Determine if the automated equipment has shut down the pipeline.
 - o If the automated equipment has not shut down the pipeline,
 - Call Gas Control to contact Spectra Energy/Westcoast Energy to shut down the pipeline.
 - Shut the pipeline down manually.
 - Do not attempt to restore service on the pipeline once it has been shut down.
- Wait for Gas Operations personnel to arrive on site and assist them as necessary.
- Contact the appropriate local emergency response personnel for assistance if needed.
- Keep unauthorized personnel an appropriate distance away from the area if required.
- Provide regular updates to Gas Control.
- Notify electric operations departments and/or personnel as required.

Gas Control will

- Dispatch a Pressure Control Technician.
- Notify Gas Operations Dispatch to send GFR personnel.
- Contact Spectra Energy/Westcoast Energy to shut down the pipeline from the Canadian side if requested.
- Document all pertinent information in the Gas Controllers Log.

Gas Operations Dispatch will

- Dispatch GFR personnel as needed to assist Pressure Control.
- Start an emergency report and track response to the incident.
- Provide emergency notifications per the matrix.
- Respond to additional requests for equipment or field personnel as needed. Pressure Control and GFR field responders will
 - Investigate the odor per the appropriate Operating Standards and Field Procedures.
 - Document the investigation as required.

Locate Requests / Emergency Locate Requests

If emergency locate requests are received by plant personnel they will

- Take the appropriate information from the caller.
- Instruct the caller to call 811 to make a request for locates through the one-call system.
- Call Gas Operations Dispatch at NUMBER REDACTED or NUMBER REDACTED.

The Dispatcher will

• Dispatch the appropriate personnel to provide locates as requested.

Emergency Shutdown of Pipeline

Normal operation of the border regulator station feeding the pipeline includes overpressure and underpressure protection. In the event of overpressure or underpressure, valve **NUMBER REDACTED** is operated automatically via the pneumatic actuator to shut down flow to the pipeline.

Should an incident occur requiring manual shutdown of the pipeline feeding the Generating Station, shutdown is most easily performed *INSTURCTIONS REDACTED*.

DESCRIPTION REDACTED

PICTURE REDACTED

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PICTURE REDACTED

DESCRIPTION REDACTED

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PICTURE REDACTED

DESCRIPTION REDACTED

PICTURE REDACTED

DESCRIPTION REDACTED

Maps of Distribution and Supply System

The maps for this area follow the standard numeric system, however, since they are well north of the rest of our service territory, the numbers are unusual.

See the following OP (Operations) maps:

NUMBER REDACTED NUMBER REDACTED

See the following plat maps

NUMBER REDACTED – PLANT ID REDACTED NUMBER REDACTED NUMBER REDACTED NUMBER REDACTED NUMBER REDACTED

NUMBER REDACTED NUMBER REDACTED

NUMBER REDACTED NUMBER REDACTED – PLANT ID REDACTED Docket Nos. UE-072300 and UG-072301 SE 2011 Semi-Annual Service Quality Program Filing Attachment B - Gas Emergency Response Plans for Outlying Areas, Page 38 of 74



Roles and Responsibilities of the Service Providers and others

Quanta Contractors responds to breaks at the request of PSE Gas Dispatch.

<u>Backhoe</u>

PSE does not maintain a backhoe at the Sumas facility. In the case of an emergency where a backhoe is required on site

Quanta Contractors will be notified by Gas Operations Dispatch.

<u>Material</u>

PSE maintains materials at the Sumas Generating Station, which will be used as needed in case of a gas emergency (see Material and Tool List Available at the Facility, page #).

1. Materials and Equipment Available at the Generating Station Site

- Hand and Power Tools
- Radios
- Oxygen, Lower Explosive Limit (LEL), and Hydrocarbon Monitors
- Assorted First-Aid, Safety, and Personal Protective Equipment

2. Materials and Equipment Available at the Border Tie-in Station

200' 8" Pretested Straight Pipe (40' length & 1,200 psi)

3. Materials and Equipment Available from Quanta Contractors, Inc.,

<u>Marysville, Washington</u>

Pickups, Trucks, and Trailers

Dozers and Loaders

Dozers, loaders, sideboom

Cranes and Excavators

Backhoes, excavators, cranes, trenchers, backhoes with pavement breakers Welding and Tapping Equipment

Arc and gas welding equipment, tapping machines, beveling machines, fusion equipment

Air Equipment

Compressors, pavement breakers, impact tools, tampers.

Miscellaneous Boring Equipment and Rock Saws

Hole hogs, moles, directional drilling equipment, rock/concrete saws.

Compactors and Rollers

Compactors and rollers

Manhole and Trench Shields

Shoring, plates, mud mats

Miscellaneous Equipment and Tools

Generators, lights, pumps, pipe threaders, heaters, hoists, jacks, holiday detectors, pipe benders

Additional Equipment and Tools

Lineup clamps, barricades, traffic cones, saws, drills

Toledo Emergency Response Plan

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Emergency Response Plan Toledo

How Toledo will be served

Regular business hours:

During regular business hours we will utilize employees who are working in Toledo. This could include Gas First Response, SC&P, or Quanta personnel.

After Hours:

We have identified those gas employees that live in close proximity to Toledo. Outside of normal business hours Dispatch will first contact the GFR staff that live near Toledo. If that fails, Dispatch will move the closest GFR personnel to the problem per the Standard Call-Out process. In the case where GFR personnel are unavailable, Dispatch will contact SC&P staff trained for First Response.

Floods:

Lewis County has had numerous 100-year floods in past years; this area is prone to flooding. This area may be closed to any traffic except for emergency vehicles and local traffic. In the past I-5 has been shut down. During flooding, the best way to get there may be through Littlerock or Bucoda. The City of Centralia and Chehalis as well as Lewis Co. has historically informed PSE of any wash outs or any other problems we may need to be aware of. PSE may need to isolate areas of the gas system during flooding.

Alternative Access:

If access by conventional means is unavailable, you may be able to deliver personnel and materials to the Winlock area by helicopter. The System Manager (*NUMBER REDACTED*, *NUMBER REDACTED* or *NUMBER REDACTED*) on duty should be called to arrange helicopter support.

PSE STAFF WHO WORK IN TOLEDO

NAME REDACTED Gas ADDRESS REDACTED

Chehalis, WA 98532 Home phone: *NUMBER REDACTED* Cell phone: *NUMBER REDACTED* Pager: *NUMBER REDACTED*

PSE STAFF WHO LIVE NEAR TOLEDO

NAME REDACTED Gas ADDRESS REDACTED

Centralia, WA 98531 Home phone: **NUMBER REDACTED** Cell Phone: **NUMBER REDACTED** Pager: **NUMBER REDACTED**

NAME REDACTED Gas ADDRESS REDACTED

Centralia, WA 98531 Home phone: **NUMBER REDACTED** Cell Phone: **NUMBER REDACTED** Pager: **NUMBER REDACTED**

NAME REDACTED Gas ADDRESS REDACTED

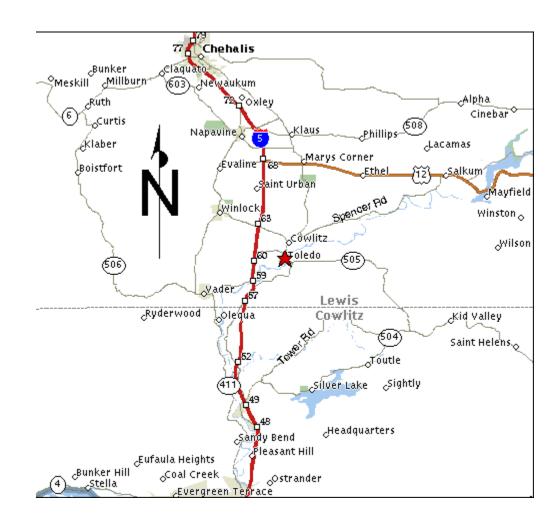
Chehalis, WA 98532 Home phone: *NUMBER REDACTED* Cell phone: *NUMBER REDACTED* Pager: *NUMBER REDACTED*

NAME REDACTED Gas **ADDRESS REDACTED** Olympia, WA 98579 Home phone: **NUMBER REDACTED** Cell phone: **NUMBER REDACTED** Pager: **NUMBER REDACTED**

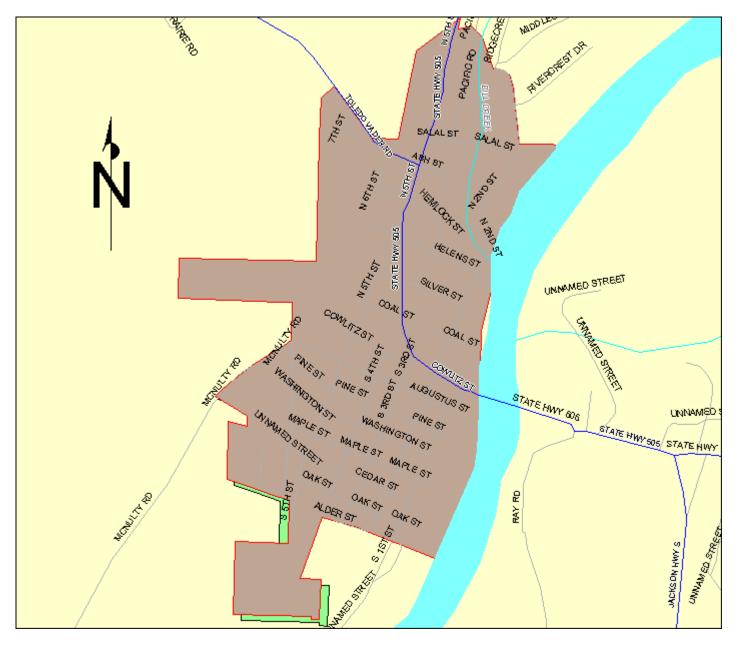
DIRECTIONS (From Olympia)

DIRECTIONS REDACTED

Total Estimated Driving Time from Olympia: 54 minutes Total Distance: 48.36 miles



CITY ΜΑΡ



OPERATIONS MAP KEY







ROLES AND RESPONSIBILITIES OF THE SERVICE PROVIDERS

Quanta Contractors performs the installation of new customer construction on both residential and commercial gas services. They perform gas system upgrades and replacements, as well as, gas system operation and maintenance. In addition, Quanta responds to breaks at the request of PSE Gas Dispatch.

Vashon Island Emergency Response Plan

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Pagination on redacted version may differ from original due to redaction and font change.

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Pagination on redacted version may differ from original due to redaction and font change.

EMERGENCY RESPONSE PLAN Vashon Island

How Vashon will be served

Regular business hours:

During regular business hours we will utilize employees who are working on the Island. This could include Gas First Response personnel, SC&P, or Quanta.

Personnel assigned to work on the island on a day to day basis will notify dispatch when they arrive on and leave the island.

After Hours:

PSE has one Electric employee who lives on the Island. PSE has also identified those gas employees that live near the ferry terminals at Fauntleroy, Southworth and Tacoma. Outside of normal business hours we will contact the Gas First Response employees living closest to the ferry terminals. If this fails, we will dispatch the First Responders per the standard callout process that moves the closest GFR personnel to the event.

Ferry Service after Hours:

If ferry service is needed outside the normal service hours, you can contact the System Manager at **NUMBER REDACTED**, **NUMBER REDACTED** or **NUMBER REDACTED**. They have set up an arrangement with the Washington Ferry System to take PSE vehicles to the Island in case of emergencies (see After Hours Ferry Procedure page).

Alternative Access:

If access by conventional means is unavailable, you may be able to deliver personnel and materials to Vashon Island area by helicopter. The System Manager at **NUMBER REDACTED**, **NUMBER REDACTED** or **NUMBER REDACTED** or **NUMBER REDACTED** on duty should be called to arrange helicopter support.

PSE STAFF WHO RESIDE ON THE ISLAND

NAME REDACTED (Electric Employee) ADDRESS REDACTED Vashon, WA 98070 Home phone: NUMBER REDACTED

Verizon phone: NUMBER REDACTED

PSE STAFF WHO WORK ON THE I SLAND

NAME REDACTED (Electric Employee) ADDRESS REDACTED

Vashon, WA 98070 Home phone: **NUMBER REDACTED** Verizon phone: **NUMBER REDACTED**

NAME REDACTED (Supv. Community Services – Vashon) **ADDRESS REDACTED**

University Place, WA 98467 Home phone: *NUMBER REDACTED* Verizon phone: *NUMBER REDACTED*

NAME REDACTED (Customer Service Rep. 1) ADDRESS REDACTED

Tacoma, WA 98407 Home phone: **NUMBER REDACTED** Verizon phone: **NUMBER REDACTED**

NAME REDACTED (Customer Service Rep. 1) ADDRESS REDACTED

Puyallup, WA 98373 Home phone: **NUMBER REDACTED** Verizon phone: N/A

PSE STAFF WHO LIVE NEAR A FERRY TERMINAL

Fauntleroy

Georgetown personnel close to the Fauntleroy Ferry Terminal:

<u> </u>	•		
NAME REDACTED	1 st Response CFS	ADD	RESS REDACTED
NAME REDACTED	1 st Response CFS	ADD	RESS REDACTED
NAME REDACTED	1 st Response CFS	ADD	RESS REDACTED
NAME REDACTED	1 st Response CFS	ADD	RESS REDACTED
NAME REDACTED	1 st Response CFS	ADD	RESS REDACTED
	•		
Southworth			
NAME REDACTED	Corrosion Control Fitt	ter	ADDRESS REDACTED
NAME REDACTED	1 st Response CFS		ADDRESS REDACTED
NAME REDACTED	Corrosion Control Fitt	ter	ADDRESS REDACTED
NAME REDACTED	1 st Response CFS		ADDRESS REDACTED
	·		
Tacoma - Tahlaquah	(Pt. Defiance)		
NAME REDACTED	1 st Response Fitter		ADDRESS REDACTED
NAME REDACTED	Corrosion Control Fitt	ter	ADDRESS REDACTED
NAME REDACTED	1 st Response CFS		ADDRESS REDACTED
NAME REDACTED	1 st Response CFS		ADDRESS REDACTED

FACILITIES

Puget Sound Energy's Vashon Service Center office is located just south of the town of Vashon on the main Highway.

Address

ADDRESS REDACTED

The building site sits back off the highway about 100 yards and is somewhat secluded.

Map and Driving Directions to Facility

The facility is located at **ADDRESS REDACTED** (see page 7 for layout of Vashon facility).

The building sets back off the highway about 100 yards and is hard to see from the road.

You will need an authorized security access card to enter the facility.

Hours of Operation

The Vashon Service Center hours of operation are between 9:00 a.m. to 4:00 p.m., Monday through Friday. The service center is closed on all company recognized holidays.

Gate Access

The gate for facility access is key card controlled. The card reader pedestal is on the left-hand side of gate entrance. To open gate personnel must have an authorized security access card. All First Response personnel that may be called upon for response to the Island have received the necessary key card clearance.

<u>Material</u>

We will maintain a trailer at our Vashon facility, which will be used to carry materials needed in case of a gas emergency (see Material and Tool List Available at the Facility, page 14).

During emergencies this trailer will be picked up by the first PSE employee to respond, which may not necessarily be a gas employee.

OFFICE MAP REDACTED



FERRY PROCEDURE

WASHINGTON STATE FERRY SYSTEM (WSF) <u>Current information</u>: www.wsdot.wa.gov/ferries/schedules/current <u>PRIORITY LOADING PROCEDURE - GAS EMERGENCY</u> This procedure addresses gas emergencies only.

Adopted 12-22-98 Reviewed 06/02/06

There are no hard and fast rules relating to who qualifies for priority loading of utility vehicles on ferry routes. The WSF Operations Watch Supervisor is the key contact person to arrange priority loading and will make the ultimate decision whether or not to approve such a request.

In order to reduce the possibility for abusing the system for personal benefit, the Operations Watch Supervisor will only accept loading requests from PSE's Gas Operations Dispatchers. Employees will not be able to arrange their own priority loading with the dock attendants.

The procedures to be followed are:

• The Gas Operations Dispatcher has the responsibility to **determine if the emergency in question requires an immediate response** necessitating priority loading on a Washington State ferry.

NOTE: In general, events such as broken and blowing lines, Class A leaks, inside odors, and possible CO poisoning would meet this test. There may be other valid emergencies such as employee injuries or vehicle accidents, but these can adequately be covered by local emergency responders and probably don't require special loading of PSE personnel. The WSF Operations Watch Supervisor will rely on our Dispatchers to make proper judgments.

• If the emergency meets this test, the dispatcher shall **contact the WSF Operations** Watch Supervisor. Call **NUMBER REDACTED**

• **Provide** the following **information**.

Name and contact number of Gas Operations Dispatcher calling Type of gas emergency necessitating priority boarding Ferry route affected Number and type of vehicles requiring priority loading Estimated arrival time of vehicles at terminal

• Dispatcher shall **obtain** the following **information** from the WSF Operations Watch Supervisor. **Record the information** on the Emergency Report form. **Communicate approval information** to vehicles involved.

Name of Operations Watch Supervisor Date and time of request for priority loading Confirmation of approval of PSE's request

• The **Operations Watch Supervisor will contact the dock attendant** at the affected terminal and communicate the information.

• If difficulties arise at the terminal, the dock attendant should be asked to contact the Operations Watch Supervisor. PSE's Dispatcher may also call as well to confirm the previously agreed to arrangements. In no case shall PSE employees at the dock engage in arguments regarding loading. All such difficulties, especially those resulting in a delayed response, shall be recorded on the Emergency Report form.

DRIVING DIRECTIONS TO FERRY TERMINALS

Southworth Terminal 11564 SE State Hwy 160 Southworth, WA 98386

Coming from the South:

- Take I-5 North
- Take exit 132 and proceed West on Hwy 16 approximately 35 miles to Hwy 160 exit
- > Take Hwy 160 (Sedgwick road) exit
- Turn Right onto Hwy 160 at stop sign and proceed approximately 7 miles to yet another stop sign
- > Turn **right**; ferry dock straight ahead.

Coming from the North:

- Take I-5 South
- Take the WA-16 West/SO 38th ST exit, exit #132, towards Gig Harbor/Bremerton.
- > Keep **Right** at the fork in the ramp
- Merge onto WA-16 W
- > Take Mullenix Road exit
- > Turn Right onto SE Mullenix Road
- Turn Left onto Olalla Valley Rd SE
- Turn Left onto Banner Rd SE
- Turn Right onto Sedgwick Rd SE/WA-160
- Turn Right onto SE Southworth DR/WA-160
- Turn Left onto Rocky RD SE
- You're there!



Fauntleroy Terminal 4829 SW Barton Seattle, WA 98136

Coming from the South:

- Take I-5 North \geq
- \triangleright Take the WA-599 North exit, exit number 156, towards Tukwila/W. Marginal Way
- Merge onto WA-599 N \geq
- > Take WA-99 N
- > Take the **Des Moines Dr./14th Ave SO** exit
- Keep Right at the fork in the ramp
- Turn Left onto 14th Ave S
- > Turn Left onto **S Cloverdale St**
- > S Cloverdale St becomes 1st AVE S
- Turn sight right onto Olson PL SW
- Turn slight Right onto SW Roxbury St
- Turn Right onto 35th AVE SW
- Turn Left onto SW Barton ST \succ
- \triangleright Turn Left onto California AVE SW
- California AVE SW becomes SW Brace Point DR
- Turn slight Right onto SW Wildwood PL
- Turn Right onto Fauntleroy Way SW
- Turn Left onto SW Barton ST

Coming from the North:

- Merge onto I-5 S \geq
- > Take the W SEATTLE FWY/COLUMBIAN WAY exit, exit number 163A.
- Keep RIGHT at the fork in the ramp
- > Merge onto W SEATTLE BRIDGE
- Stay straight to go onto FAUNTLEROY WAY SW
- > Turn RIGHT onto SW BARTON



©2000 MapQuest.com, Inc.; ©2000 Navigation Technologies

Pt. Defiance / Tahlequah Terminal 5810 N. Pearl St. Tacoma WA 98405

Coming from the South:

- Merge onto I-5 N
- Take the SO. 38 ST. exit exit number 132 toward GIG HARBOR WA-16/BREMERTON
- Take the S 38 ST WEST ramp toward GIG HARBOR/WA-16 W/ BREMERTON/TACOMA MALL
- > Keep left at the fork in the ramp
- Merge onto WA-16 W
- > Take the 6th AVE exit toward WA-163
- Turn LEFT onto 6th AVE
- > Turn **RIGHT** onto **N PEARL ST**
- Stay straight to go onto N PEARL ST/WA-163

Coming from the North:

- Merge onto I-5 S.
- Take the WA-16 W/SO. 38 ST. exit- exit number 132- towards GIG HARBOR/BREMERTON
- > Keep **RIGHT** at the fork in the ramp
- Merge onto WA-16 W
- > Take the 6th AVE exit toward WA-163
- > Turn LEFT onto 6th AVE
- > Turn **RIGHT** onto **N PEARL ST**
- > Stay straight to go onto N PEARL ST/WA-163



ROLES AND RESPONSIBILITIES OF THE SERVICE PROVIDERS

Quanta Contractors performs the installation of new customer construction on both residential and commercial gas services. They perform gas system upgrades and replacements, as well as, gas system operation and maintenance. In addition, Quanta responds to breaks at the request of PSE Gas Dispatch.

Quanta notifies Gas Dispatch when they get on the ferry going to the island and again when they are leaving the island.

MATERIAL AND TOOL LIST AVAILABLE AT THE FACILITY

Vashon Reserve Emergency Supply Parts and Equipment

Weld Equipment

Oxy/acetylene - Two bottles each of oxygen and acetylene will be stored at the facility. If additional Oxy. Act. Is needed it can be obtained from *NAME, TELEPHONE NUMBER REDACTED*

Equipment store on the trailer at PSE's facility

Squeeze Tools:

4" and 6" PE Squeeze Machines and Hydraulic pump Small steel squeeze machine Large steel squeeze machine

Valve keys:

One standard One long (8' or better)

Leak Clamps:

Full circle clamps - 2" by 12" long - two Full circle clamps - 4" by 12" long - two Full circle clamps - 6" by 12" long – two

Band clamps - $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 2", 4" and 6"

Shoring:

Two 24" spreaders and two - 4 X 4' sheets of board 12' ladder

Incidental equipment:

Wood plugs – variety of sizes Environmental Packs (two) Fire Extinguisher

AGREEMENT BETWEEN PSE AND VASHON FIRE DEPARTMENT

PSE Operations personnel met with the Vashon Fire department on December 17, 2001. As a result, the following guideline was agreed to between the Vashon Fire Department and Puget Sound Energy.

PSE Gas First Response personnel meet with Vashon Fire Department officials at least twice annually to discuss response coordination.

Communication with the Beachcomber

PSE is communicating with the Beachcomber and will continue to stay in touch with them.

Emergency Center

PSE will participate with the Vashon Fire Department regarding Emergency Center Operations. PSE's contact is **NAME REDACTED**, **Manager Operations Continuity**, **NUMBER REDACTED**

Open House

PSE will participate in the Fire Department Open House. Our contact for this is either **NAME REDACTED**, **NUMBER REDACTED or NAME REDACTED**, **NUMBER REDACTED**

Natural Gas Training

PSE provides natural gas emergency training, our contact is: *NAME REDACTED*, Community Affairs Program Manager, *NUMBER REDACTED*

Road Closed Signs:

PSE has 12 plastic barricades at our Vashon Facility, located next to the Oxygen/ Acetylene storage rack (see attached diagram).

The Fire Department can gain access by using the Knox box.

Direct Communication With Dispatch Our dispatch numbers are:

Our dispatch numbers are:

ELECTRIC-Fire and police hit line for direct access to Electric Dispatch NUMBER REDACTED

NUMBER REDACTED - Use this number to gain record information

<u>GAS</u>

Fire & Police hot line for direct access to Gas Dispatch NUMBER REDACTED NUMBER REDACTED

Use this number to gain record information from Gas Dispatch NUMBER REDACTED

Vashon Response Time

PSE's goal is to meet or exceed the 55-minute SQI (Service Quality Index) agreed to with the WUTC.

Annual Valve Surveys

PSE's Gas First Response PI (Public Improvement) Inspector will meet with the Vashon Fire Department annually. They will provide an updated service valve list and review the completed service valve survey results with the chief and his staff.

Tools & Material

We will review the number of valve keys and wooden plugs they presently are equipped with, re-supply where needed.

Winlock Emergency Response Plan

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Emergency Response Plan Winlock

How Winlock will be served

Regular business hours:

During regular business hours we will utilize employees who are working in Winlock. This could include Gas First Response, SC&P, or Quanta personnel.

After Hours:

Puget Sound Energy has identified those gas employees that live in close proximity to Winlock. Dispatch will first contact the GFR staff that live near Winlock. If that fails, Dispatch will move the closest GFR personnel to the problem per the Standard Call-Out process. In the case were GFR personnel is unavailable, Dispatch will contact SC&P staff trained for First Response.

Floods:

Lewis County has had numerous 100-year floods in the past several years; this area is prone to flooding. This area may be closed to any traffic except for emergency vehicles and local traffic. In the past I-5 has been shut down. During flooding, the best way to get there may be through Littlerock or Bucoda. The City of Centralia and Chehalis as well as Lewis Co. has historically informed PSE of any wash outs or any other problems we may need to be aware of. PSE may need to isolate areas of the gas system during flooding.

Alternative Access:

If access by conventional means is unavailable, you may be able to deliver personnel and materials to the Winlock area by helicopter. The System Manager (*NUMBER REDACTED*, *NUMBER REDACTED*) or *NUMBER REDACTED*) on duty should be called to arrange helicopter support.

PSE STAFF WHO WORK IN WINLOCK.

NAME REDACTEDt Gas

2210 SW Salsbury Chehalis, WA 98532 Home phone: *NUMBER REDACTED* Cell phone: *NUMBER REDACTED* Pager: *NUMBER REDACTED*

PSE STAFF WHO LIVE NEAR WINLOCK

NAME REDACTED Gas

ADDRESS REDACTED Centralia, WA 98531 Home phone: NUMBER REDACTED Cell Phone: NUMBER REDACTED Pager: NUMBER REDACTED

NAME REDACTED Gas ADDRESS REDACTED

Centralia, WA 98531 Home phone: *NUMBER REDACTED* Cell Phone: *NUMBER REDACTED* Pager: *NUMBER REDACTED*

NAME REDACTED Gas ADDRESS REDACTED

Chehalis, WA 98532 Home phone: **NUMBER REDACTED** Cell phone: **NUMBER REDACTED** Pager: **NUMBER REDACTED**

NAME REDACTED Gas ADDRESS REDACTED

Olympia, WA 98579 Home phone: **NUMBER REDACTED** Cell phone: **NUMBER REDACTED** Pager: **NUMBER REDACTED**

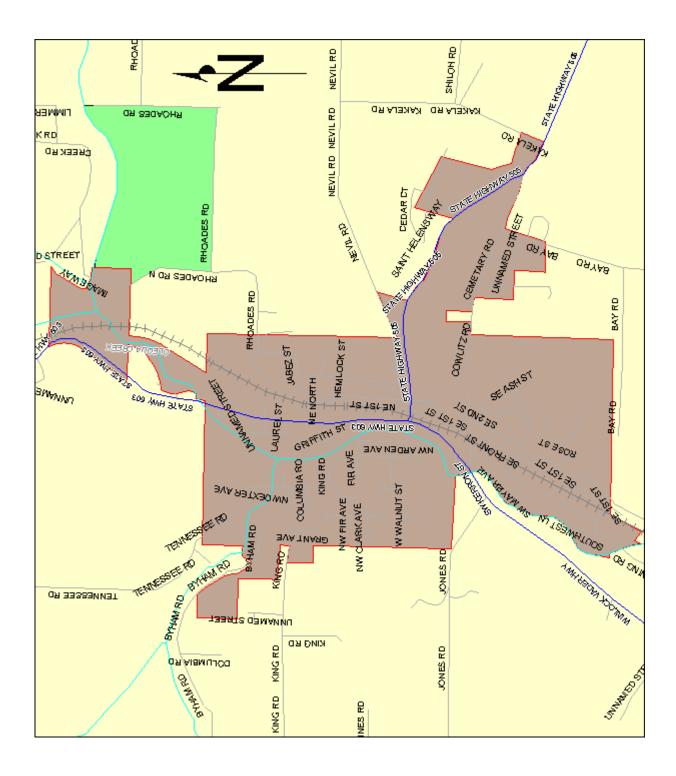
Directions (From Olympia)

DIRECTIONS REDACTED

Total Estimated Driving Time from Olympia: 32 minutes Total Distance: 30.71 miles



CITY MAP Winlock



OPERATIONS MAP KEY

MAP REDACTED





ROLES AND RESPONSIBILITIES OF THE SERVICE PROVIDERS

Quanta Contractors performs the installation of new customer construction on both residential and commercial gas services. They perform gas system upgrades and replacements, as well as, gas system operation and maintenance. In addition, Quanta responds to breaks at the request of PSE Gas Dispatch.