


# CENTRALIA/CHEHALIS – ISOLATED AREA EMERGENCY RESPONSE PLAN

CENTRALIA/CHEHALIS EMERGENCY RESPONSE PLAN  
GFR SUPERVISOR RESPONSIBILITY – [REDACTED]

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## PURPOSE OF THIS PLAN

- This document is intended to provide guidance for responding to natural gas emergencies of facilities serving the Centralia/Chehalis area, which is isolated from our franchised distribution service territory. This includes details of our PSE facilities located within the region.
- Centralia/Chehalis reside in Lewis County which is prone to flooding. PSE may need to isolate areas of our gas system during these scenarios.
- 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.
- **NOTE** – Information located within a shaded grey box is designated **CONFIDENTIAL** per WAC 480-07-160 all efforts shall be made to protect such information accordingly.  
Example: Gas Dispatch: 

**HOW THIS PLAN WILL BE EXECUTED:**

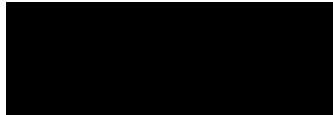
Regular business hours:

If an emergency should occur during regular business hours, we will need to utilize employees who are working in or near the Centralia/Chehalis area and if needed, request support from Gas Operations employees located in other counties. This could include Gas First Response (GFR) personnel and/or System Controls and Protection (SC&P).

**NOTE:** When personnel from Gas Operations travel to the Centralia/Chehalis area for regular duties they should notify Gas Control and Gas Operations Dispatch to let them know they will be in the area, including an estimated duration.

*Gas Control*

*Gas Operations Dispatch*



After hours:

Outside of normal business hours, GFR shall first be contacted, along with SC&P employees who reside closest to the Centralia/Chehalis area. These contacts can be found in the Master Contact List, along with their respective geographic locations. If personnel are not available, use the normal callout procedure by contacting other individuals who are geographically the next closest to the emergency.

If highways are closed and support is needed:

If inclement weather, an accident or incident has the primary route (I-5) closed and support personnel or material are required from the service area, call the System Manager at [REDACTED] or [REDACTED] or [REDACTED] to make arrangements for aerial transport to the Centralia/Chehalis area.

**EMERGENCY AREA CONTACTS:**

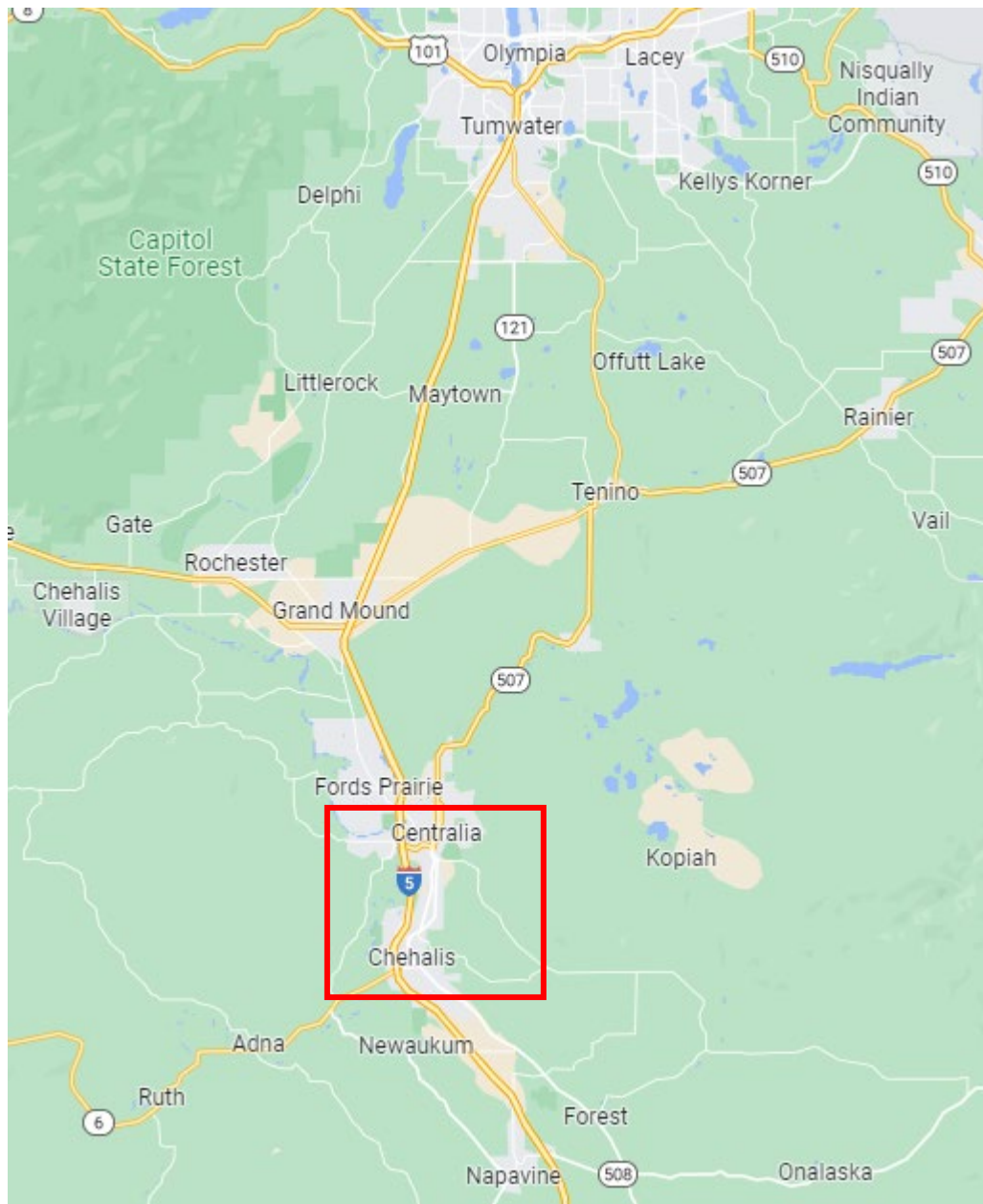
<b>Police / Fire / 911 / Emergency Management</b>		
Centralia Police Department		[REDACTED]
Chehalis Police Department		
Washington State Patrol		
Chehalis Fire Department		
Riverside Fire (Centralia)		
Centralia Public Works		
Chehalis Public Works		
Chehalis-Centralia Airport (KCLS)	[REDACTED]	
<b>Puget Sound Energy – Gas and Electric Operations</b>		
Gas Control	PSE extension Outside dialing	[REDACTED]
Gas Operations Dispatch	PSE extension Outside dialing	
Load Office	PSE extension Outside dialing Toll free	
System Operations Supervisor	Toll Free	
<b>OTHER UTILITIES AND PIPELINES</b>		
Williams Pipeline	Office	[REDACTED]
<b>CONTRACTORS</b>		
Infrasource Contractor	Office	[REDACTED]

## **PIPELINE EMERGENCY CONTACTS:**

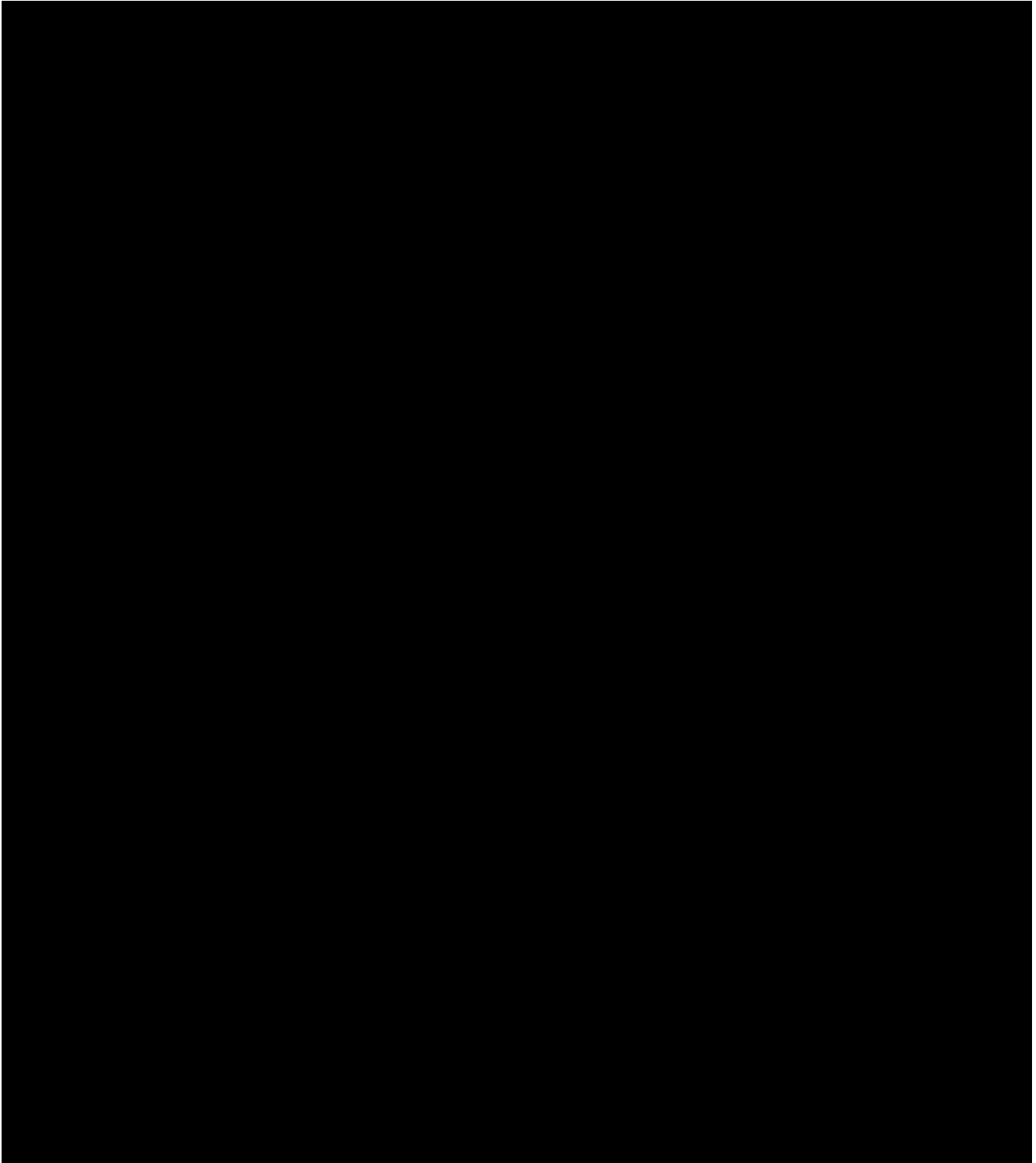
Please see previous page for Williams Northwest Pipeline contact information under the “Other Utilities and Pipelines” section.

## SATELITE VIEW

Locational information in comparison to the regional area

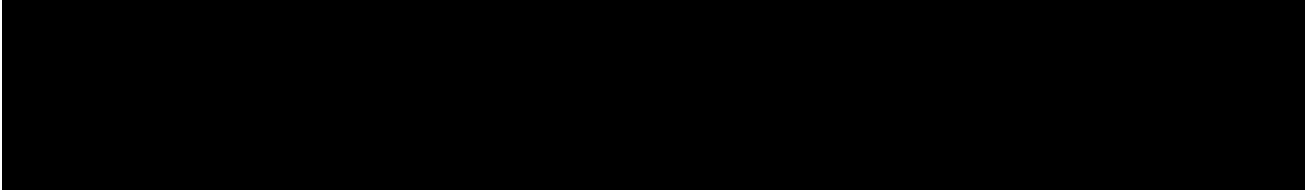


**Map of PSE Facilities**





**GATE ACCESS INTO THE BASE:**



**REGULATOR STATION AND VALVES:**

There are eleven (11) regulator stations feeding the Centralia/Chehalis area which receives their feed from our combination of 4", 6" and 8" STW high pressure main.

Please see ESRI or Tensing for more details and information in regards to the regulator stations. The station numbers are as follows:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

## **EMERGENCY RESPONSE – ODORS, LEAKS, OR BREAKS**

PSE's gas operations are twenty-four (24) hours per day and seven (7) days a week. (24x7). If a gas emergency should occur:

- 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.
- Follow all requires per PSE's gas operating standards (GOS) and gas field procedures (GFP).

## **ROLES AND RESPONSIBILITIES**

### **Gas Control:**

- Dispatch a Pressure Control Technician.
- Notify Gas Operations Dispatch to send GFR personnel.
- Document all pertinent information in the Gas Controllers Log.

### **Gas Operations Dispatch:**

- Dispatch GFR personnel and other departments as required.
- 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.
- Dispatch appropriate personnel to provide locates as requested.
- If after hours, contact appropriate staff as indicated on the ERP document.

### **Pressure Control:**

- Investigate the odor per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **Gas First Response (GFR):**

- Investigate the odor, damage or other event per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **InfraSource:**

- Respond to breaks or leaks at the request of PSE's Gas Operations Dispatch team
- Provide equipment necessary to facilitate repairs

## **MATERIALS AND EQUIPMENT:**

PSE does have a very small staging yard in the Centralia area. There are limited materials available in the yard, which is shared by pressure control, CP, and GFR. The nearest gas first response (GFR) base is in Olympia, and as such will respond accordingly from this location.

### **Materials and Equipment From Contractor**

PSE does not maintain any heavy equipment or machinery at this location. Such equipment is available, upon request of our contractor ***InfraSource***. The following equipment could be available in the event of an emergency:

- Backhoe
- Excavator
- Sideboom
- Loader
- Bulldozer
- Directional Drill Rig
- Dump Truck
- Equipment Trailers
- Compressors
- Air tools (jackhammer, rock drill, aspirator, tamper, hole-hogs)
- Generators
- Lights
- Pumps
- Welding Equipment (Gas and Arc)
- Shoring Equipment
- Fusion Equipment

**OPS AND PLAT MAP NUMBERS**

**OPS Maps:**

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

**Plat Maps:**

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
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# KITTITAS – ISOLATED AREA EMERGENCY RESPONSE PLAN

KITTITAS EMERGENCY RESPONSE PLAN  
GFR SUPERVISOR RESPONSIBILITY – [REDACTED]

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- Emergency Response – Odors, Leaks, or Breaks ----- page 10
- Roles and Responsibilities ----- page 11
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- Ops and Plat Map numbers ----- page 14



## PURPOSE OF THIS PLAN

- This document is intended to provide guidance for responding to natural gas emergencies of facilities serving the Kittitas County region, which is isolated from our franchised distribution service territory. This includes information and locational details of our PSE facility located in Thorp, as well the location of our equipment trailer which houses tools and materials that may be needed in the event of an emergency.
- 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.
- **NOTE** – Information located within a shaded grey box is designated **CONFIDENTIAL** per WAC 480-07-160 all efforts shall be made to protect such information accordingly.  
Example: Gas Dispatch: [REDACTED]

**HOW THIS PLAN WILL BE EXECUTED:**

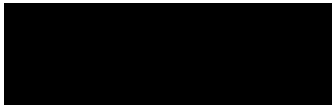
Regular business hours:

If an emergency should occur during regular business hours, we will first utilize employees who are working in Kittitas County and if needed, request support from Gas Operations employees located in other counties. This could include Gas First Response (GFR) personnel and/or System Controls and Protection (SC&P).

**NOTE:** When personnel from Gas Operations travel to the Kittitas County area for regular duties they should notify Gas Control and Gas Operations Dispatch to let them know they will be in the area, including an estimated duration.

*Gas Control*

*Gas Operations Dispatch*



After hours:

Outside of normal business hours, GFR shall first be contacted, along with SC&P employees who reside closest to the Kittitas County location. These contacts can be found in the Master Contact List, along with their respective geographic locations. If personnel are not available, use the normal callout procedure by utilizing an on shift resource from Factoria, followed by the next closest resource from the emergency response plan (ERP).

If highways are closed and support is needed:

If inclement weather, an accident or incident has the primary route (I-90) closed and support personnel or material are required from the service area, call the System Manager at [REDACTED] or [REDACTED] or [REDACTED] to make arrangements for aerial transport to Thorp. The Washington State Patrol may be able to grant an emergency waiver to allow pass access or provide an escort.

**EMERGENCY AREA CONTACTS:**

<b>Police / Fire / 911 / Emergency Management</b>		
Kittitas County 911 After hours	Dispatch	[REDACTED]
Kittitas County Sheriff		
Washington State Patrol		
Ellensburg Police Department		
Kittitas Valley Fire and Rescue	[REDACTED]	
Kittitas County Public Works		
Kittitas County Airport (Bowers Field)	[REDACTED]	
<b>Puget Sound Energy – Gas and Electric Operations</b>		
Gas Control	PSE extension Outside dialing	[REDACTED]
Gas Operations Dispatch	PSE extension Outside dialing	
Load Office	PSE extension Outside dialing Toll free	
System Operations Supervisor	Toll Free	
<b>OTHER UTILITIES AND PIPELINES</b>		
City of Ellensburg Natural Gas Utility	Office	[REDACTED]
Williams Pipeline	Operations Tech Office	
<b>CONTRACTORS</b>		
Infrasource Contractor	Office	[REDACTED]
Snelson Companies Inc.		

## **PIPELINE EMERGENCY CONTACTS:**

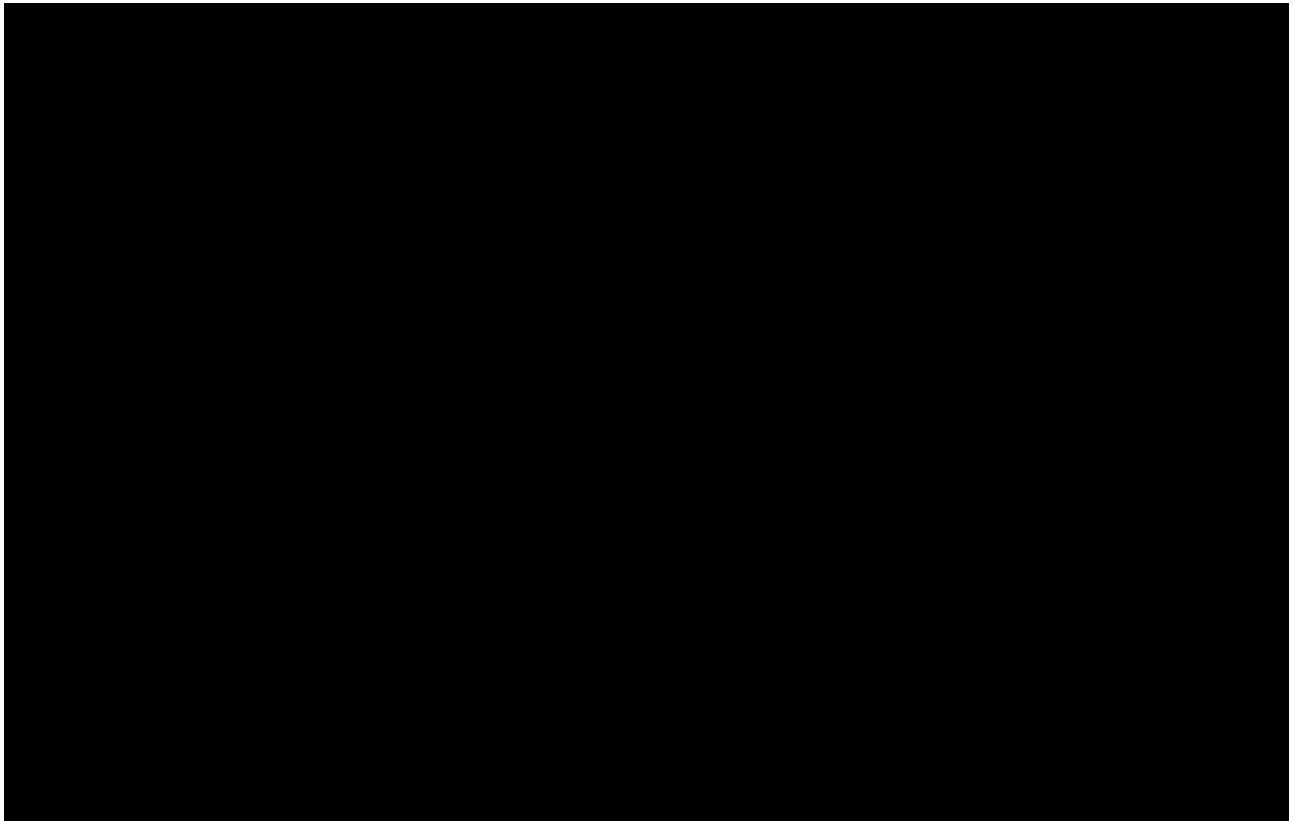
Please see previous page for Williams Northwest Pipeline contact information under the “Other Utilities and Pipelines” section.

## Kittitas Base

PSE's Kittitas base is located at [REDACTED]

Below are images to help employees navigate to the facility and develop some understanding of the surrounding and unique access needs.

**SATELITE VIEW:**



**STREET ACCESS TO THE Base:**

[Redacted]

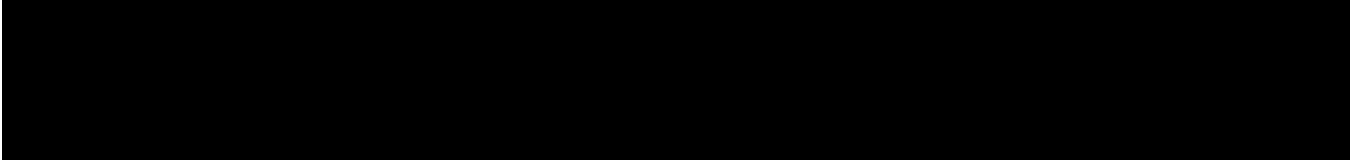
[Redacted]


[Redacted]

[Redacted]

### GATE ACCESS INTO THE STATION:

Unless the gates are opened prior to your arrival, you will need use your badge. Additionally, the following keys can be used:



You will need an **access card** or **DH master key** to enter the facility – Note there is a lock box near the front door that a  Key will open. A key to the entire facility is located in the lock box.

### REGULATOR STATION AND VALVES:

PSE has three regulator stations feeding the Cle Elum, Thorp and Ellensburg areas. Please see ESRI or Tensing for more information regarding these locations. The regulator stations are as followed:

- Cle Elum:
- Thorp:
- Ellensburg:





## **EMERGENCY RESPONSE – ODORS, LEAKS, OR BREAKS**

PSE's gas operations are twenty-four (24) hours per day and seven (7) days a week. (24x7). If a gas emergency should occur:

- 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.
- Follow all requires per PSE's gas operating standards (GOS) and gas field procedures (GFP).

## **ROLES AND RESPONSIBILITIES**

### **Gas Control:**

- Dispatch a Pressure Control Technician.
- Notify Gas Operations Dispatch to send GFR personnel.
- Document all pertinent information in the Gas Controllers Log.

### **Gas Operations Dispatch:**

- Dispatch GFR personnel and other departments as required.
- 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.
- Dispatch appropriate personnel to provide locates as requested.
- If after hours, contact appropriate staff as indicated on the ERP document.

### **Pressure Control:**

- Investigate the odor per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **Gas First Response (GFR):**

- Investigate the odor per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **InfraSource:**

- Respond to breaks or leaks at the request of PSE’s Gas Operations Dispatch team
- Provide equipment necessary to facilitate repairs

### **Mutual Assistance – City of Ellensburg**

PSE has entered into a mutual aid agreement with the City of Ellensburg’s municipal natural gas utility. In the event of an emergency they can be reached through the contact numbers located on page 5 under the “Other Utilities and Pipelines” section.

## **MATERIALS AND EQUIPMENT:**

PSE maintains materials at the Kittitas Base, and is stored in the trailer at the facility. The following materials are available:

- Squeezers
  - 4" PE
  - 6" PE
- Breathing air bottles and masks
  - (4) 1 hour bottles
  - (4) 5 min bottles
  - 4 large face masks
- Electrofusion equipment
  - 2", 4", and 6" clamps
  - (1) 2500 watt generator
  - (1) Electrofusion brain
- Leak clamps
  - (2) 2"x12"
  - (2) 4"x12"
  - (1) 6"x12"
- Welding equipment
  - (1) oxygen bottle
  - (1) acetylene bottle
- Incidental equipment
  - Wood plugs – variety of sizes
- Fire Extinguisher
- Tool Room Inventory
  - Shoring
  - (3) 24" spreaders and pump
  - (4) 4' X 4' fin form sheets
  - (4) 4' x 8' fin form sheets
- Fusion
  - 2" and 4" plates and facer
- Flagging
  - Signs and stands – in PSE parking in area next to pre-tested pipe
- Pre tested pipe 1½", 2", 4" and 6"
- Valve keys

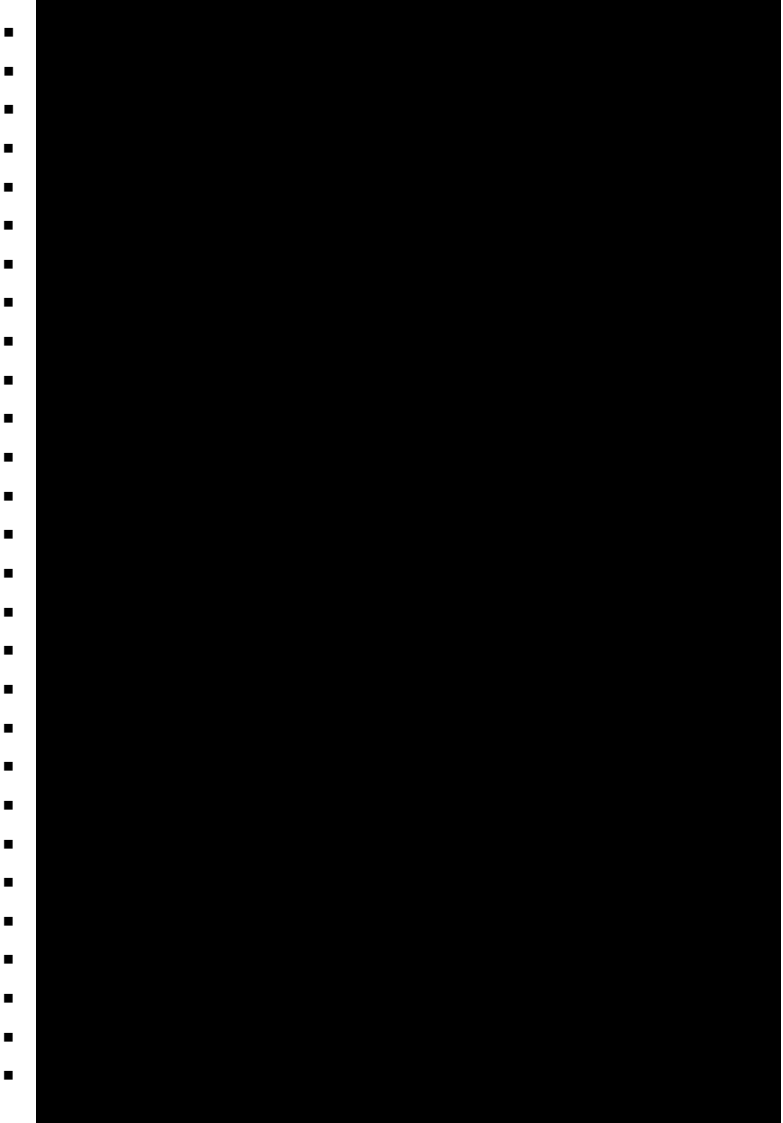
**Materials and Equipment, continued**

PSE does not maintain any heavy equipment or machinery at this location. Such equipment is available, upon request of our contractor ***InfraSource***. The following equipment could be available in the event of an emergency:

- Backhoe
- Excavator
- Sideboom
- Loader
- Bulldozer
- Directional Drill Rig
- Dump Truck
- Equipment Trailers
- Compressors
- Air tools (jackhammer, rock drill, aspirator, tamper, hole-hogs)
- Generators
- Lights
- Pumps
- Welding Equipment (Gas and Arc)
- Shoring Equipment
- Fusion Equipment

## OPS AND PLAT MAP NUMBERS

OPS Maps:



# SUMAS – ISOLATED AREA EMERGENCY RESPONSE PLAN

SUMAS GENERATING STATION AND PIPELINE  
GFR SUPERVISOR RESPONSIBILITY – [REDACTED]

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  - Gate Access ----- page 9
  - Plant Regulator Station and Valves----- page 10
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  - Satellite View ----- page 11
  - Driveway Access and Layout ----- page 12
  - Station Schematic ----- page 13
  - Valve Images and Layout ----- page 14 - 15
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  - Gate Access ----- page 19

- Emergency Response – Odors, Leaks, or Breaks ----- page 20
- Roles and Responsibilities ----- page 21
- Emergency Shutdown of Pipeline ----- page 22
- Materials and Equipment ----- page 23
- Ops and Plat Map numbers ----- page 24



## 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 includes information and locational details of this facility, as well as our border crossing regulator station ( ) and the border crossing custody transfer point.
- 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.
- **NOTE** – Information located within a shaded grey box is designation **CONFIDENTIAL** per WAC 480-07-160 all efforts shall be made to protect such information accordingly.  
Example: Gas Dispatch:

**HOW THIS PLAN WILL BE EXECUTED:**

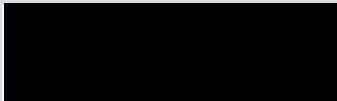
Regular business hours:

If an emergency should occur during regular business hours, we will first utilize employees who are working onsite at the generating station, and request support from Gas Operations employees located in Snohomish County. This could include Gas First Response (GFR) personnel and/or System Controls and Protection (SC&P).

NOTE: 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, including an estimated duration.

*Gas Control*

*Gas Operations Dispatch*



After hours:

Outside of normal business hours, GFR shall first be contacted, along with SC&P employees who reside closest to the Sumas location. These contacts can be found in the Master Contact List, along with their respective geographic locations. If personnel are not available, use the normal callout procedure by contacting other individuals who are geographically the next closest to the emergency.

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 [REDACTED] or [REDACTED] or [REDACTED] to make arrangements for aerial transport to Sumas.

**EMERGENCY AREA CONTACTS:**

<b>Police / Fire / 911 / Emergency Management</b>		
Whatcom County 911	Dispatch	[REDACTED]
Whatcom County Emergency Management		
Washington State Patrol		
Sumas Police Department		
Whatcom County Fire District	[REDACTED]	
Bellingham Fire Department		
Lynden Fire Department		
<b>Puget Sound Energy – Gas and Electric Operations</b>		
Gas Control	PSE extension Outside dialing	[REDACTED]
Gas Operations Dispatch	PSE extension Outside dialing	
Load Office	PSE extension Outside dialing Toll free	
System Operations Supervisor	Toll Free	
<b>U.S. Government – Department of Homeland Security</b>		
U.S. Customs		[REDACTED]
U.S. Border Patrol		
Canada Customs (Canada Border Services Agency)		
<b>SUMAS GENERATING STATION</b>		
Generating Station	24 hour	[REDACTED]
Control Room Mobile phone	Emergency only	
Plant O&M Supervisor		
Plant Manager		
<b>OTHER UTILITIES AND PIPELINES</b>		
Westcoast Energy / Spectra Energy	Gas Control	[REDACTED]
Williams Pipeline Sumas District Office	District Office Gas Control	
Cascade Natural Gas	Dispatch	
<b>CONTRACTORS</b>		
Infrasource Contractor	Office	[REDACTED]
Snelson Companies Inc.		

**PIPELINE EMERGENCY CONTACTS:**

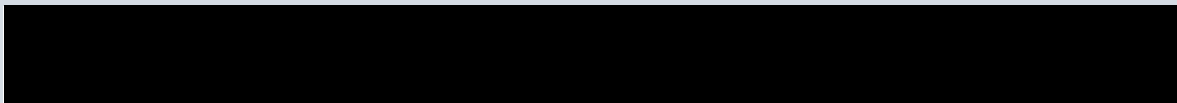
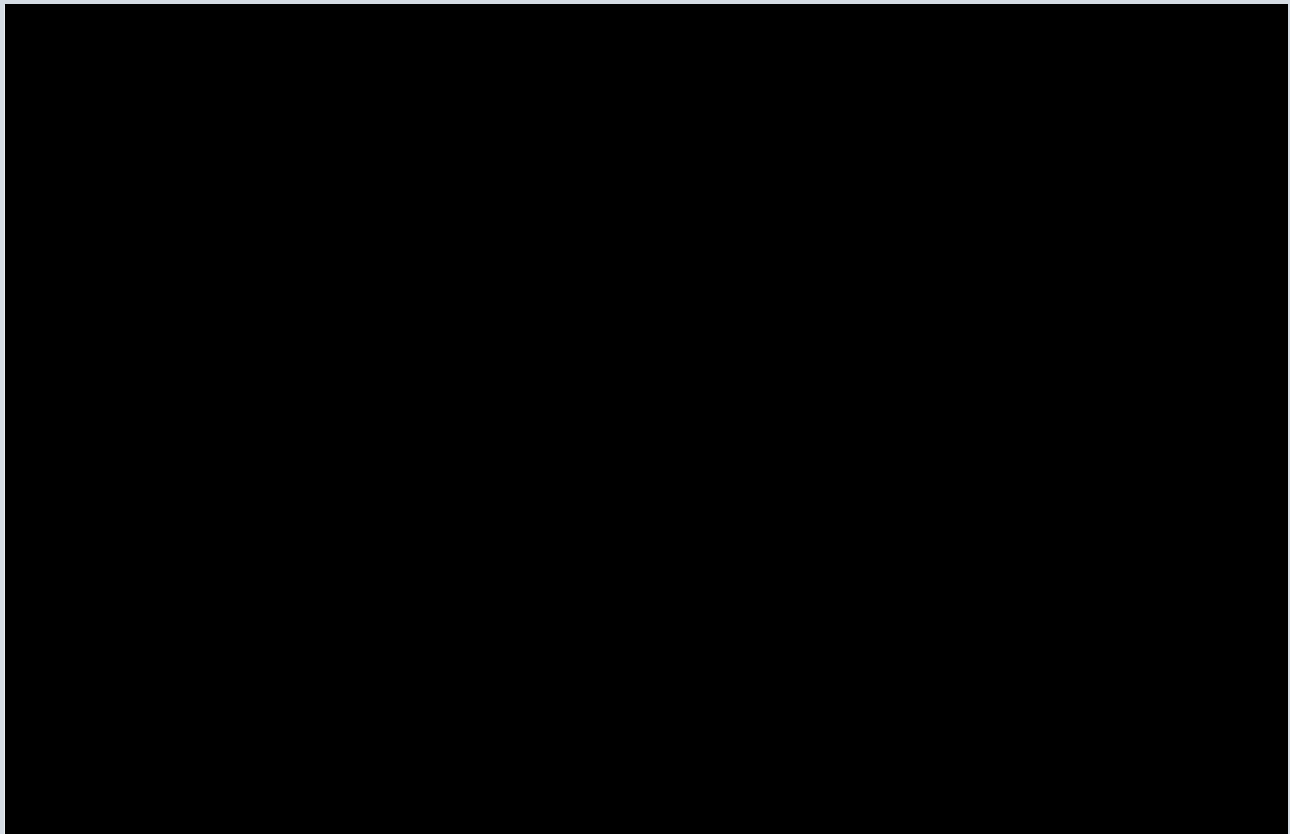
Company	Name	Phone Number
Fortis BC	Gas Control - (Surrey)	[REDACTED]
	Gas Control Satellite phone (Surrey)	
Spectra Energy	Gas Control - (Calgary) Main	
	Gas Control - (Fort St John) Back up	
Williams – North West Pipelines (North)	Gas Control - (Salt Lake)	
	Gas Control Satellite phone (Salt Lake)	
Puget Sound Energy	Gas Control - North Console	
	Gas Control - South Console	
Cascade Natural Gas	Gas Control - (Kennewick)	
BP	Gas Control - (Tulsa)	
Kinder Morgan Canada	Control Center - (Edmonton)	

## SUMAS GENERATING STATION

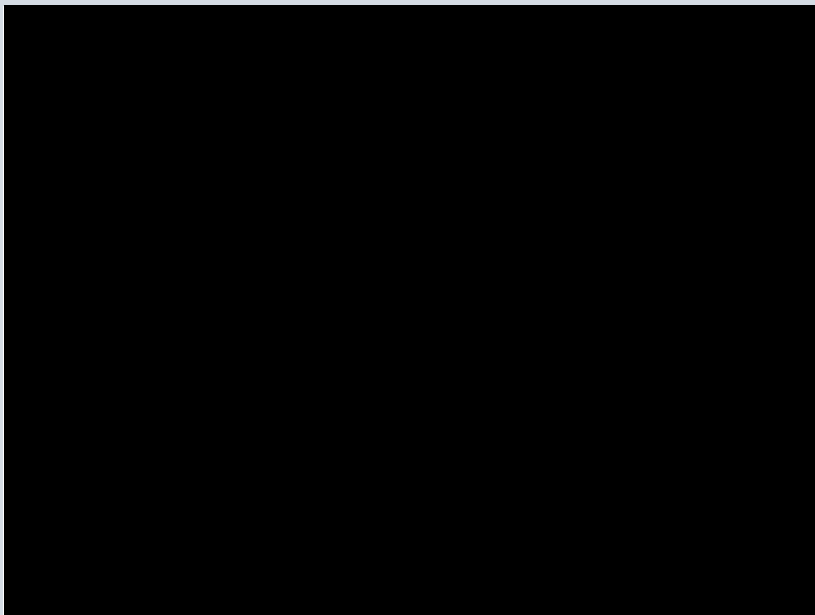
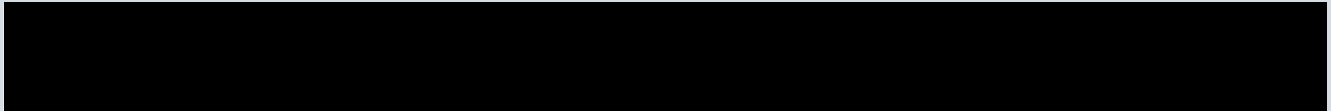
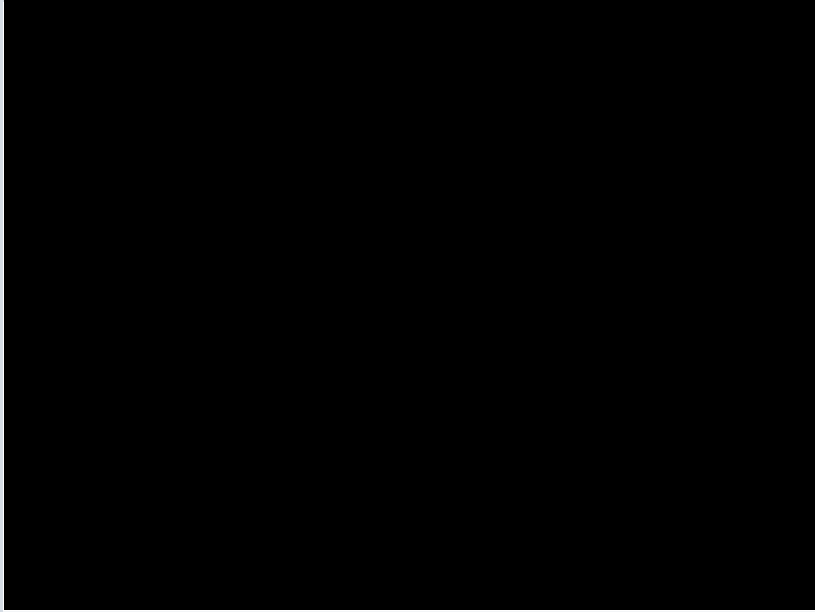
PSE's Sumas Generating Station is located at [REDACTED]

Below are images to help employees navigate to the facility and develop some understanding of the surrounding and unique access needs.

### SATELITE VIEW:



**STREET ACCESS TO THE STATION:**



### **GATE ACCESS INTO THE STATION:**

Unless the gates are opened prior to your arrival, you will need use 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 and the second 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 [REDACTED] key.

**PLANT REGULATOR STATION AND VALVES:**

[REDACTED]

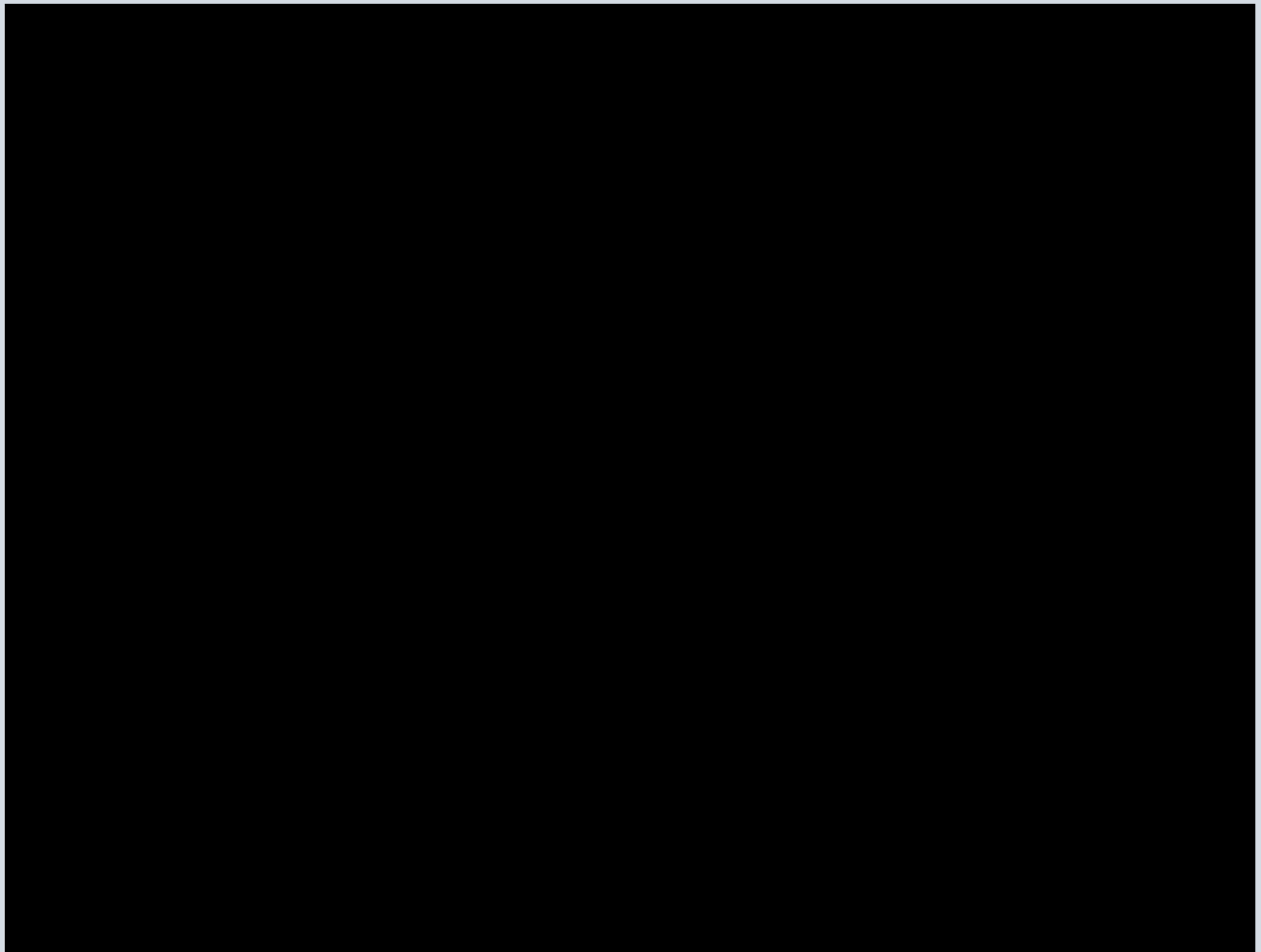
[REDACTED]

[REDACTED]

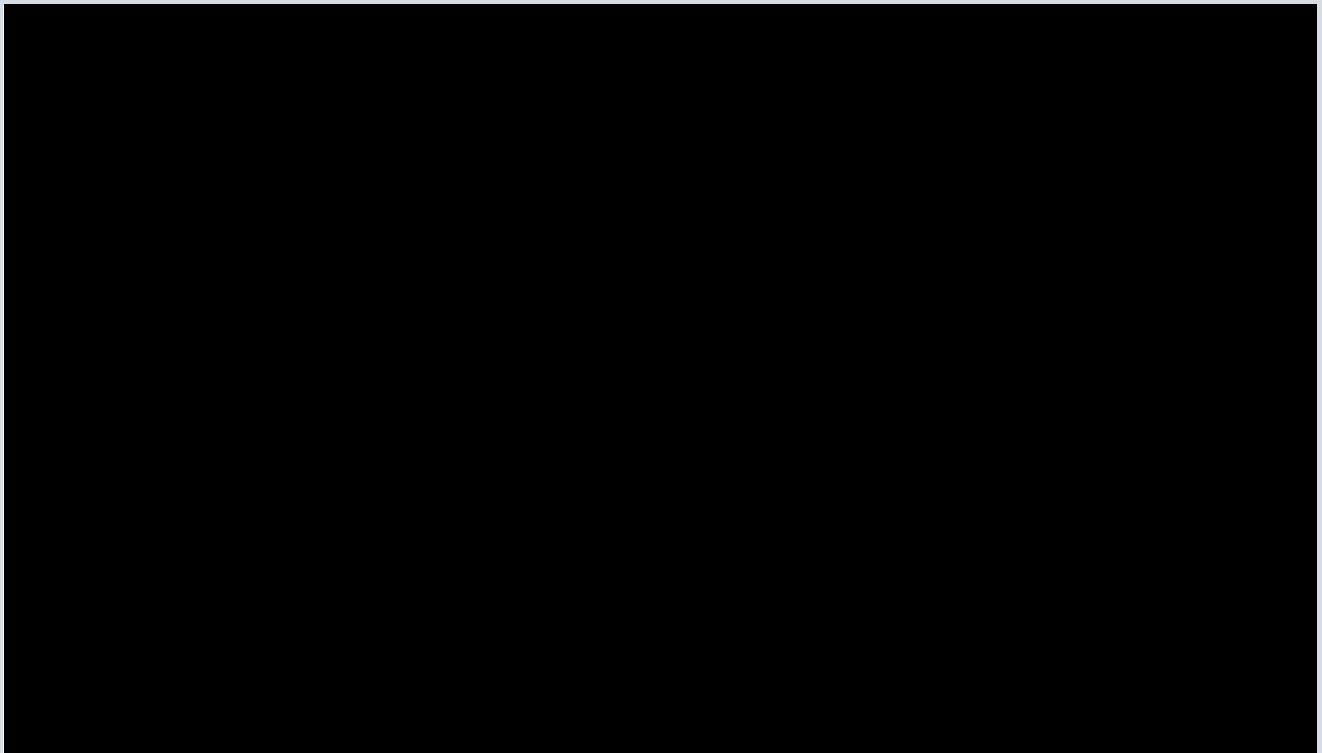
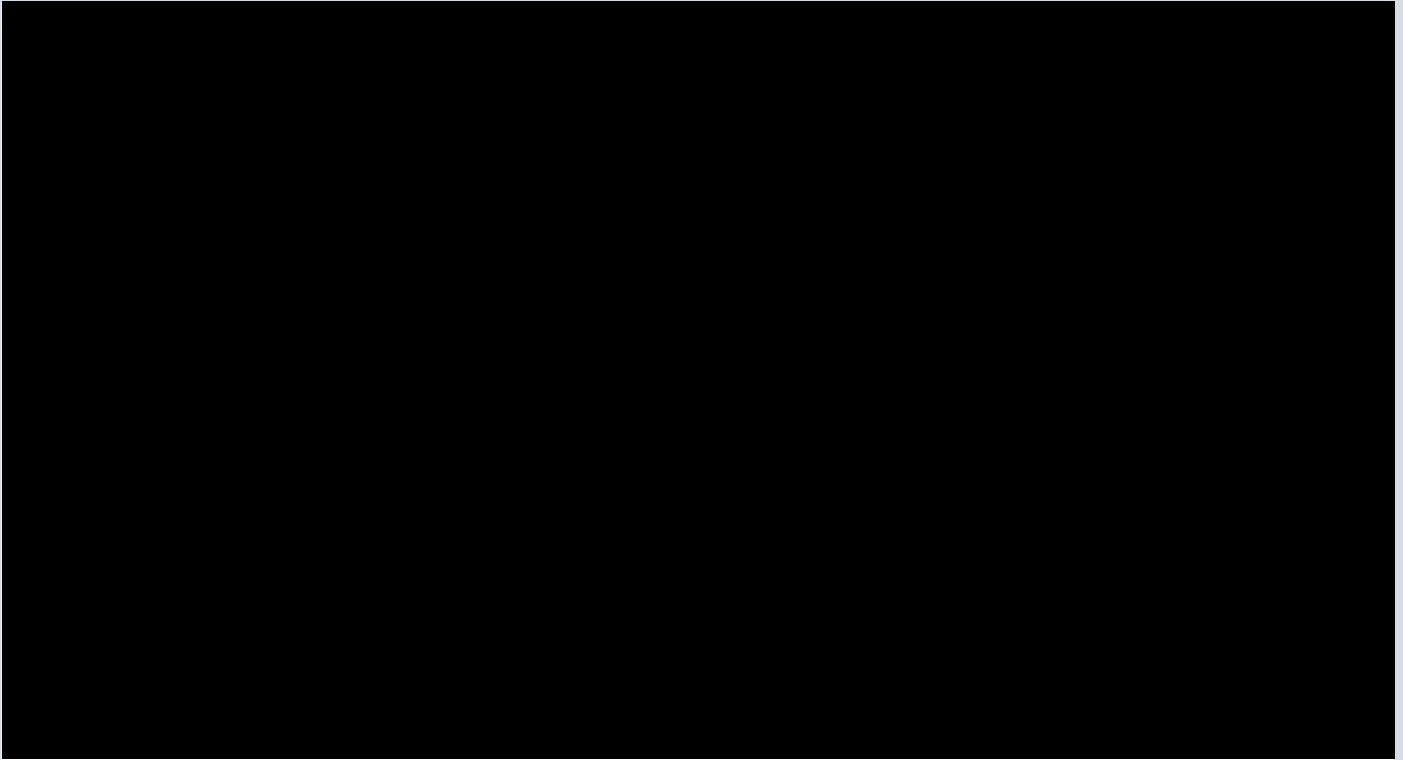


## BORDER CROSSING REGULATOR STATION

Satelite view and layout are below detailing the regulator station location. Please see following pages for more specific information.

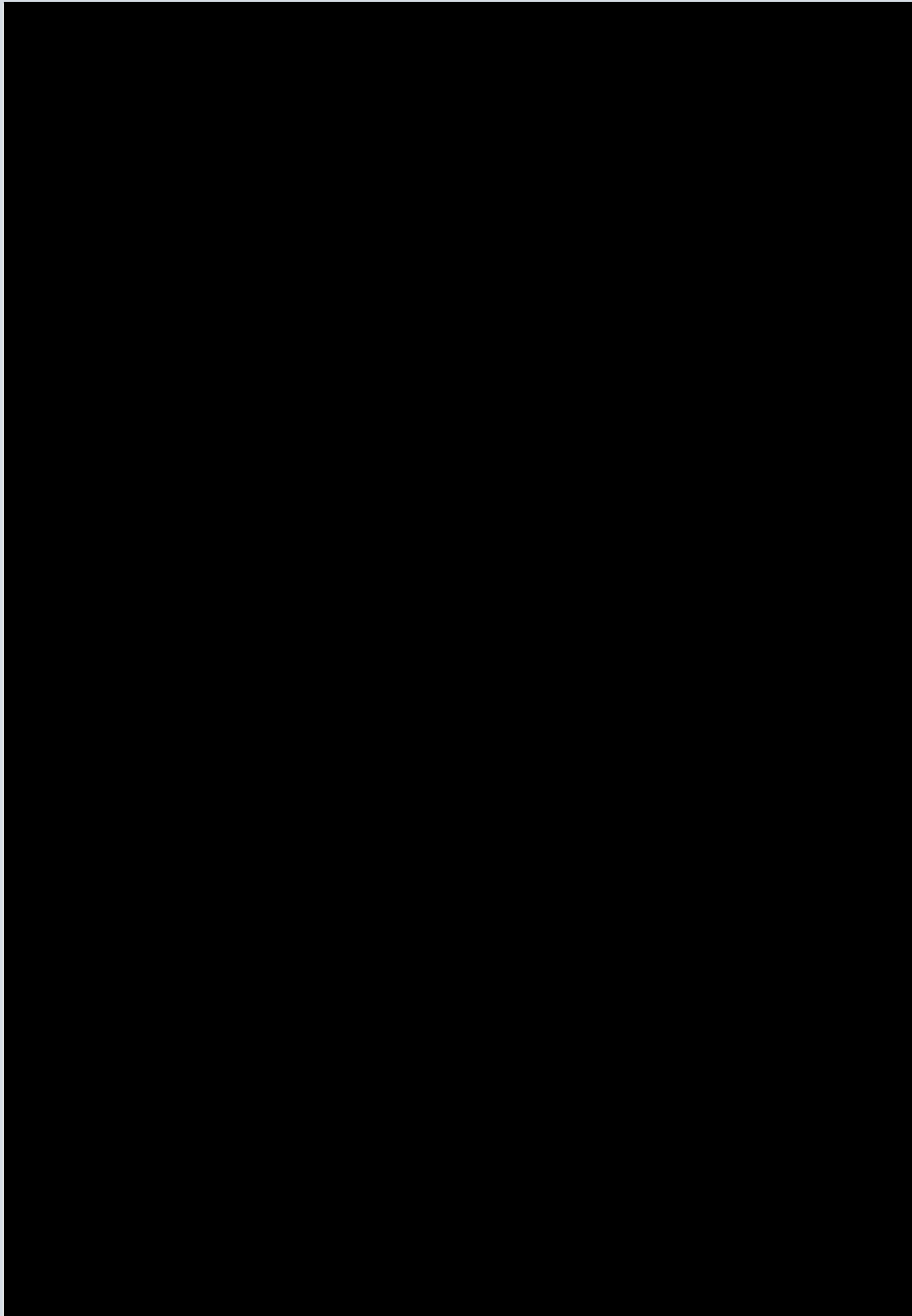


**DRIVEWAY ACCESS AND LAYOUT:**

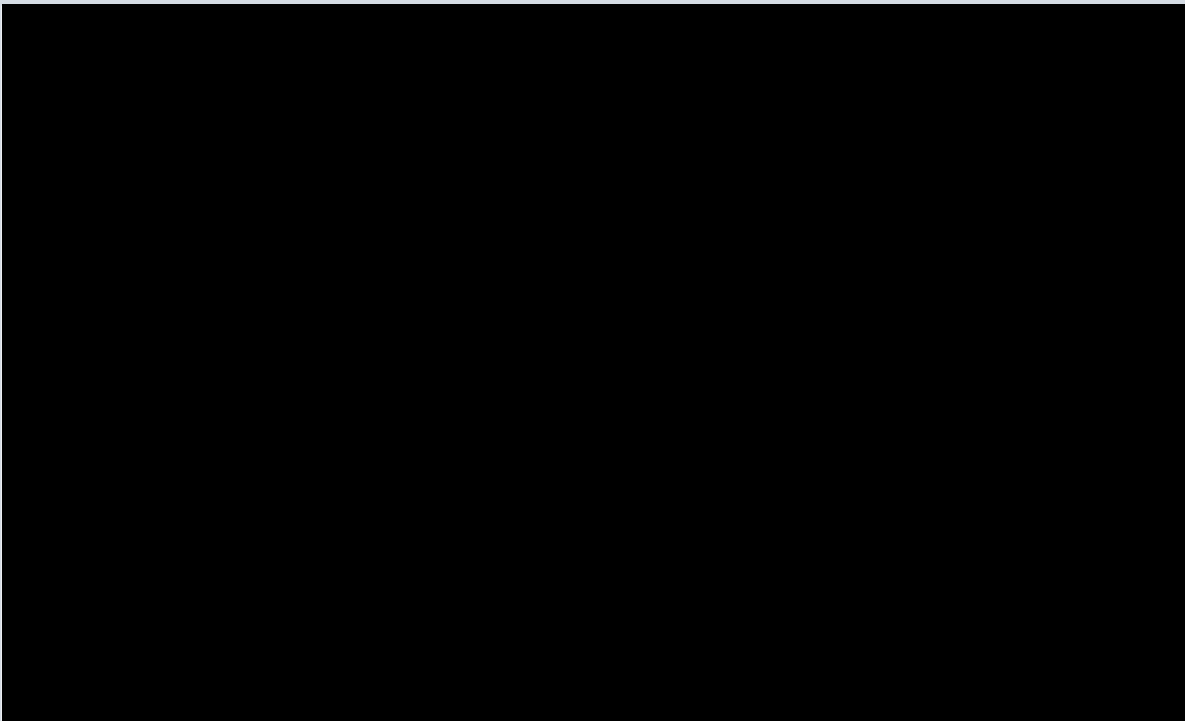
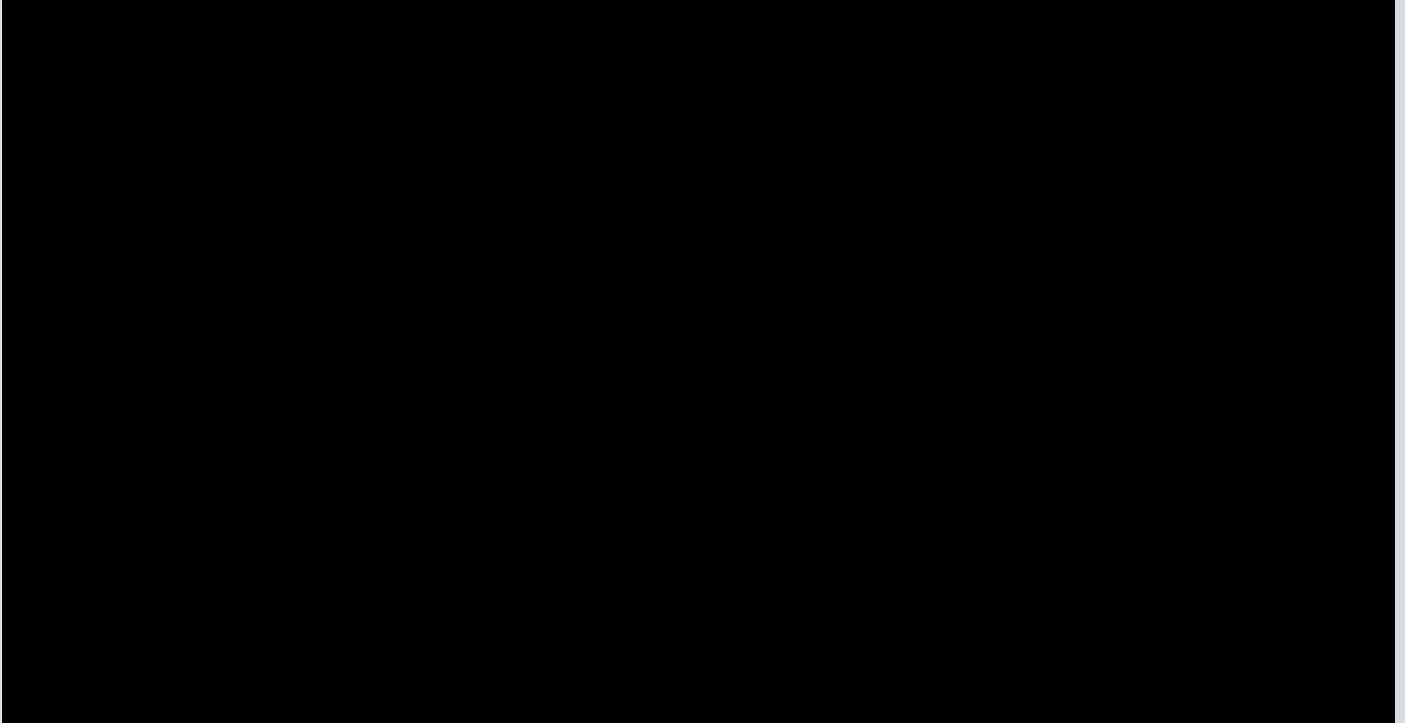


BORDER CROSSING REGULATOR STATION ( [REDACTED] ) SCHEMATIC

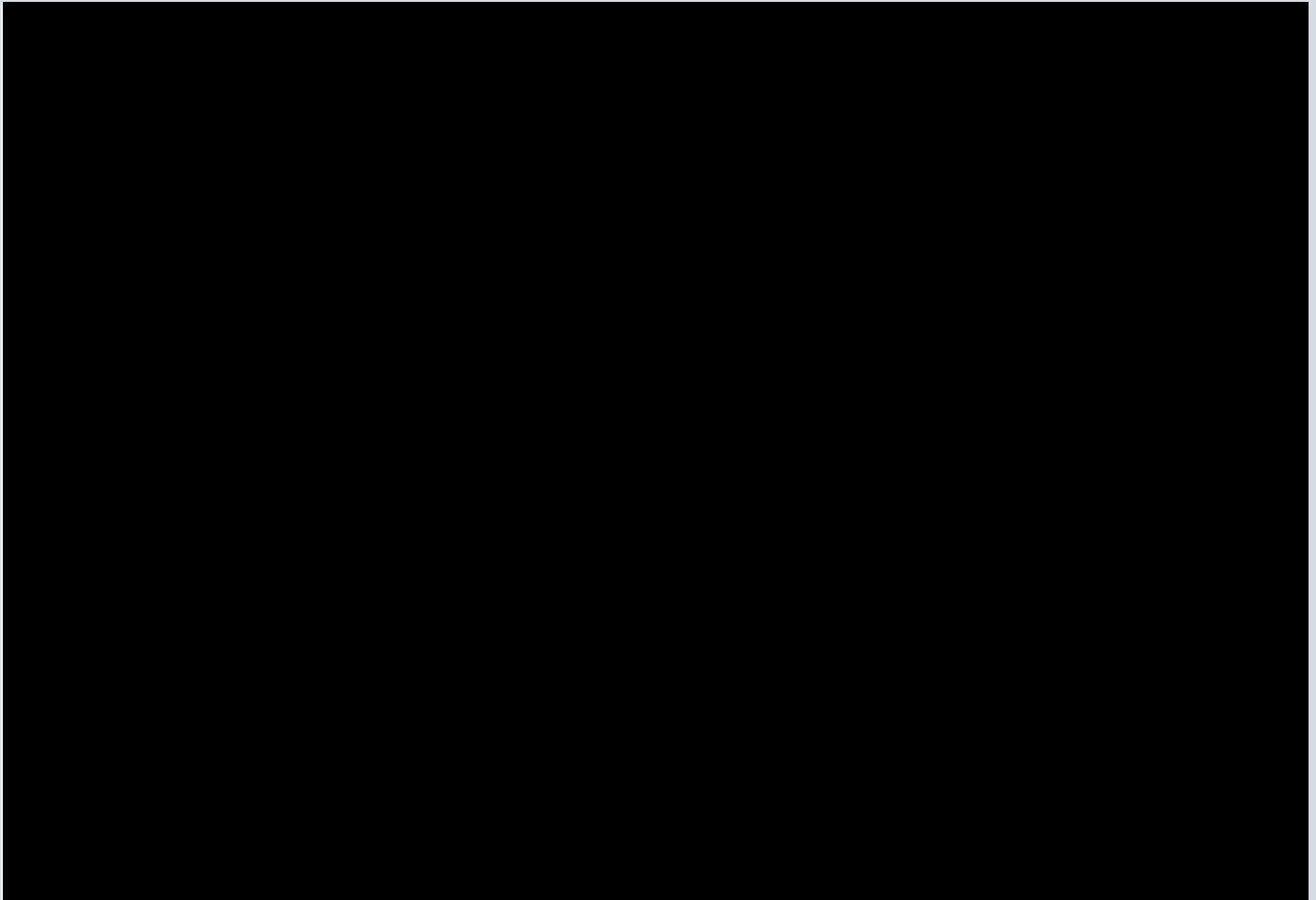
*Not to scale:*



**VALVE IMAGES AND LAYOUT:**



**VALVE IMAGES AND LAYOUT (continued):**

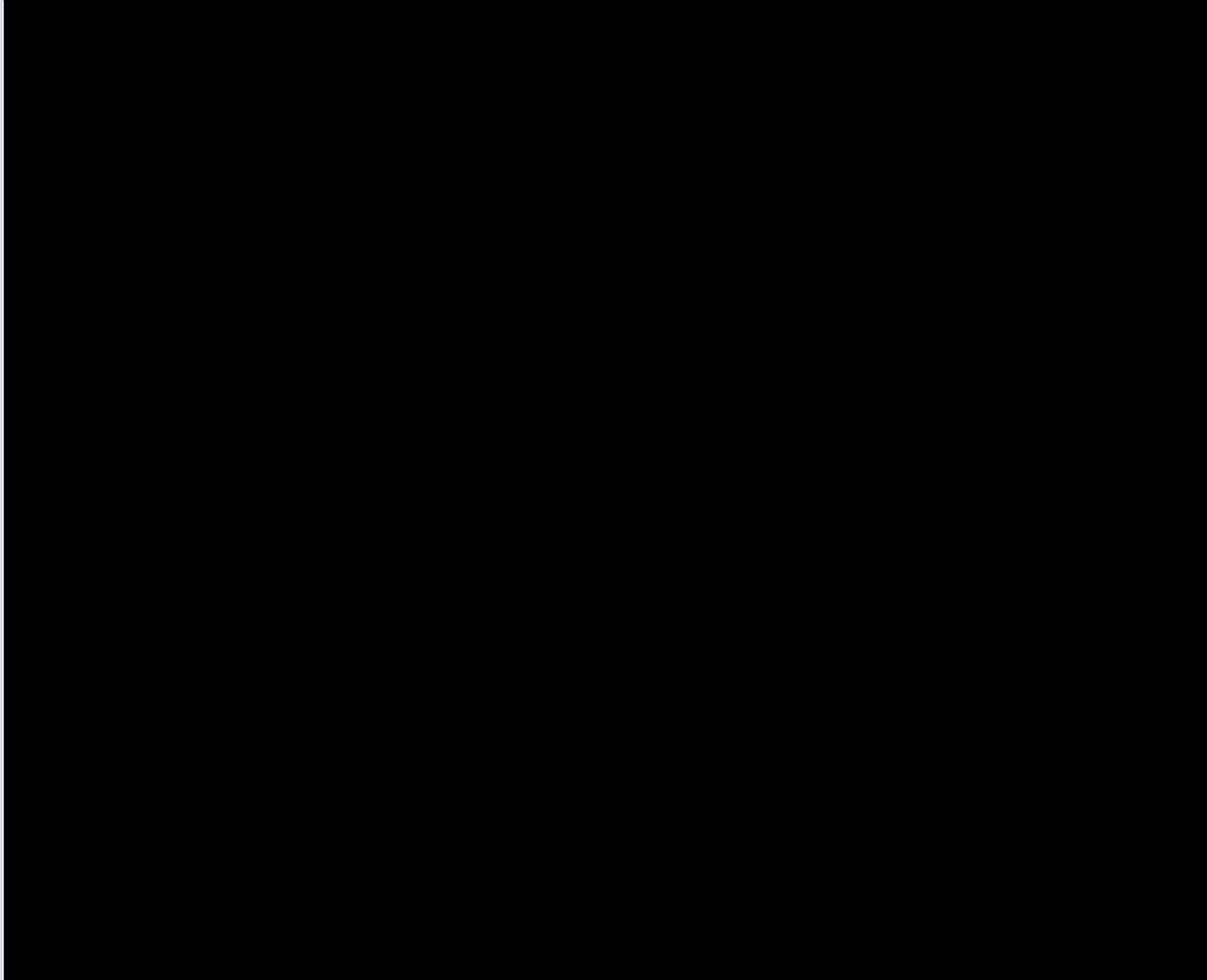


### **GATE ACCESS TO THE REGULATOR STATION:**

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

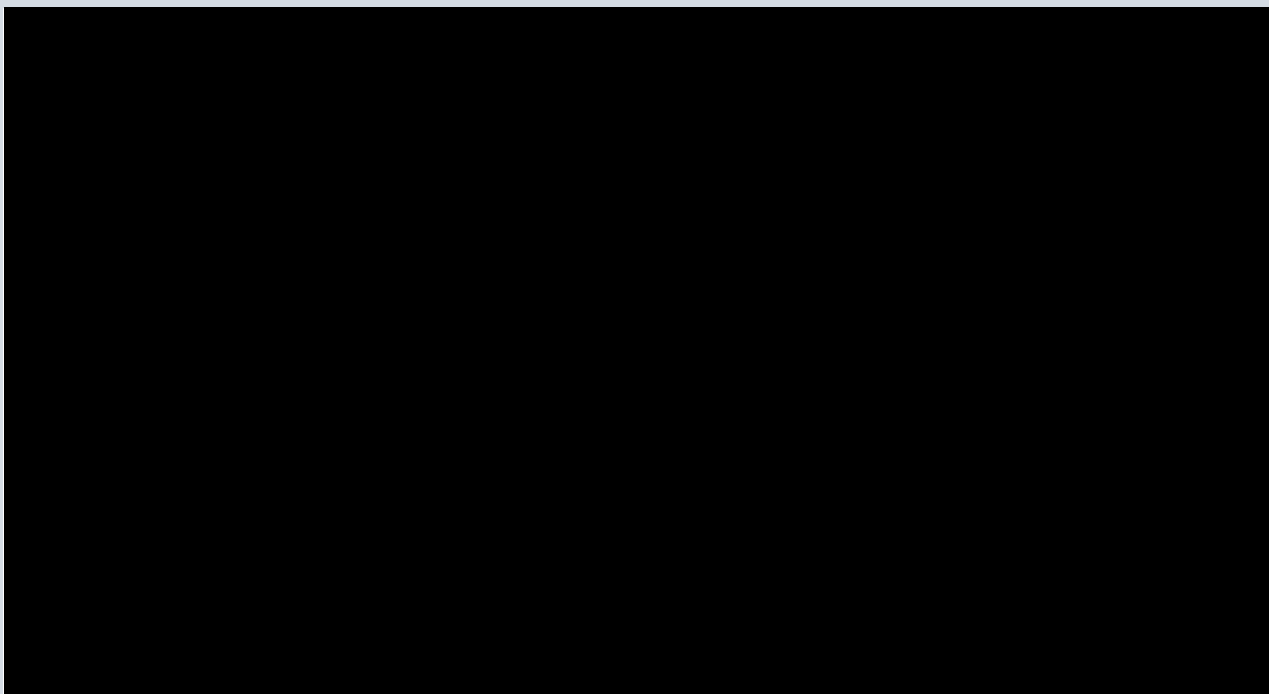
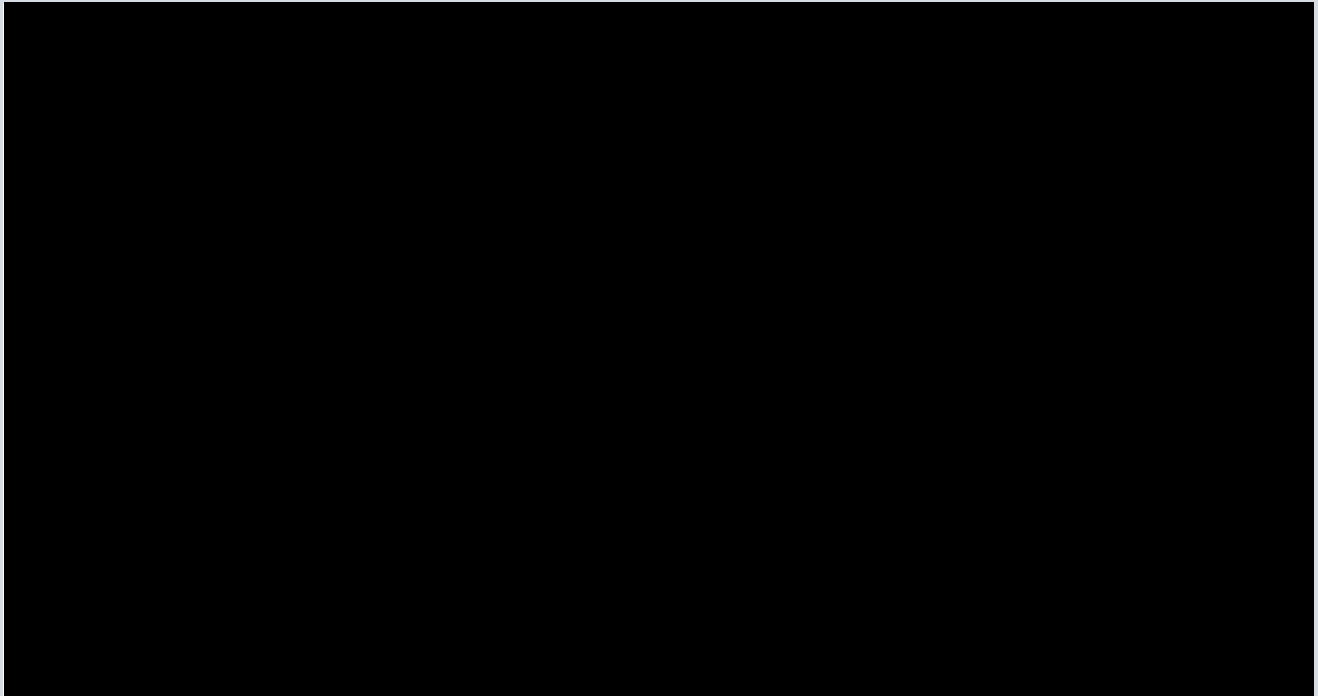
## CUSTODY TRANSFER POINT

Satellite view and layout of the custody transfer point where PSE takes service from Westcoast Energy, also referred to as our border tie-in.



**VALVE IMAGES AND LAYOUT:**

Border tie-in to Westcoast Energy pipeline.





### **GATE ACCESS VALVE [REDACTED]:**

Valve [REDACTED] is located within the chain link fenced area (as indicated in the image located on previous page), which is directly south of the border tie-in custody transfer point. Use [REDACTED] key for access and unlock the valve.

## **EMERGENCY RESPONSE – ODORS, LEAKS, OR BREAKS**

The plant is operated twenty-four (24) hours per day and seven (7) days a week. (24x7). If emergency calls are received at the plant phone number, upon receipt of such a call, plant personnel will take the following actions:

- Immediately notify PSE Gas Control @ [REDACTED] or [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.
  - 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.

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 [REDACTED] or [REDACTED]

## **ROLES AND RESPONSIBILITIES**

### **Gas Control:**

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

### **Gas Operations Dispatch:**

- 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.
- Dispatch appropriate personnel to provide locates as requested
- If after hours, contact appropriate staff as indicated on the ERP document.

### **Pressure Control:**

- Investigate the odor per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **Gas First Response (GFR):**

- Investigate the odor per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **InfraSource:**

- Respond to breaks or leaks at the request of PSE's Gas Operations Dispatch team
- Provide equipment necessary to facilitate repairs

## **EMERGENCY SHUTDOWN OF PIPELINE**

Normal operation of the border regulator station feeding the pipeline includes overpressure and under pressure protection. In the event of overpressure or under pressure, valve [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 at the border station by utilizing one or more of the valves at this location. See Station Schematic for the valve layout.

## **MATERIALS AND EQUIPMENT:**

PSE maintains materials at the Generating Station which may be used as needed in the event of an emergency. The following materials are available:

- Hand and Power tools
- Radios
- Oxygen
- Lower Explosive limit monitors
- Hydrocarbon monitors
- First aid kits
- PPE

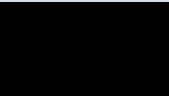
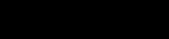
PSE does not maintain any heavy equipment or machinery at this location. Such equipment is available, upon request of our contractor **InfraSource**. The following equipment could be available in the event of an emergency:

- Backhoe
- Excavator
- Sideboom
- Loader
- Bulldozer
- Directional Drill Rig
- Dump Truck
- Equipment Trailers
- Compressors
- Air tools (jackhammer, rock drill, aspirator, tamper, hole-hogs)
- Generators
- Lights
- Pumps
- Welding Equipment (Gas and Arc)
- Shoring Equipment
- Fusion Equipment

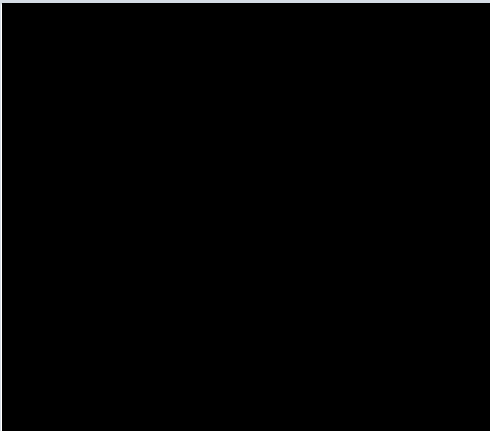
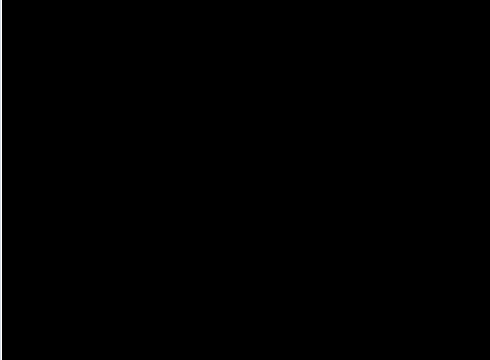
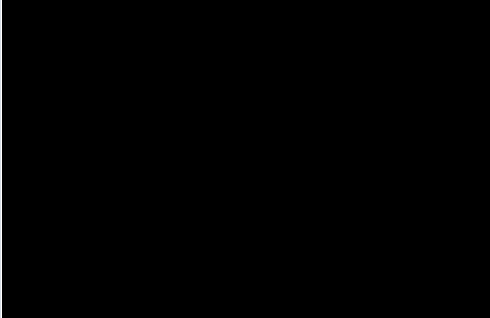
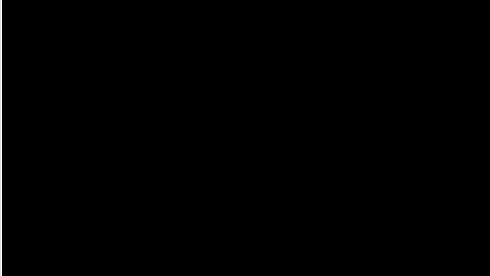
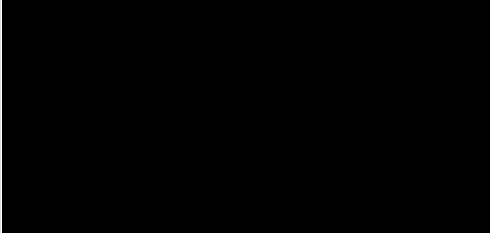
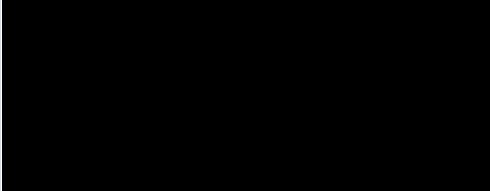
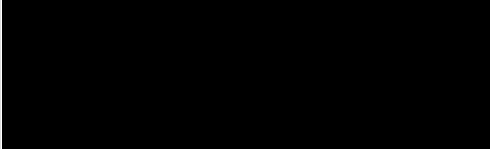
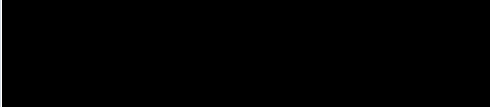
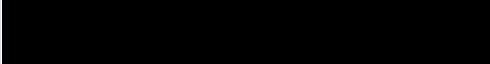
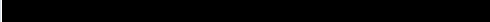
## OPS AND PLAT MAP NUMBERS

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

### OPS Maps:

- 
- 

### Plat Maps:

- 
- 
- 
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- 

# TOLEDO – ISOLATED AREA EMERGENCY RESPONSE PLAN

TOLEDO EMERGENCY RESPONSE PLAN  
GFR SUPERVISOR RESPONSIBILITY – [REDACTED]

**TABLE OF CONTENTS:**

- Purpose ----- page 3
- How this plan will be executed ----- page 4
- Emergency Area Contacts (Non-PSE) ----- page 5
- Pipeline Emergency Contacts (Non-PSE) ----- page 6
- Toledo Area ----- page 6
  - Satellite View ----- page 6
  - Map of Facilities ----- page 7
  - Gate Access ----- page 8
  - Regulator Station and Valves ----- page 9
- Emergency Response – Odors, Leaks, or Breaks ----- page 10
- Roles and Responsibilities ----- page 11
- Emergency Shutdown of Pipeline ----- page 12
- Materials and Equipment ----- page 13
- Ops and Plat Map numbers ----- page 14



## PURPOSE OF THIS PLAN

- This document is intended to provide guidance for responding to natural gas emergencies of facilities serving the City of Toledo, which is isolated from our franchised distribution service territory. This includes details of our PSE facilities located within the region.
- Toledo resides in Lewis County which is prone to flooding. PSE may need to isolate areas of our gas system during these scenarios.
- 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.
- **NOTE** – Information located within a shaded grey box is designated **CONFIDENTIAL** per WAC 480-07-160 all efforts shall be made to protect such information accordingly.  
Example: Gas Dispatch: [REDACTED]

**HOW THIS PLAN WILL BE EXECUTED:**

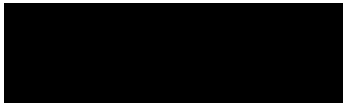
Regular business hours:

If an emergency should occur during regular business hours, we will need to utilize employees who are working in or near the Toledo area and if needed, request support from Gas Operations employees located in other counties. This could include Gas First Response (GFR) personnel and/or System Controls and Protection (SC&P).

**NOTE:** When personnel from Gas Operations travel to the Toledo area for regular duties they should notify Gas Control and Gas Operations Dispatch to let them know they will be in the area, including an estimated duration.

*Gas Control*

*Gas Operations Dispatch*



After hours:

Outside of normal business hours, GFR shall first be contacted, along with SC&P employees who reside closest to the Toledo area. These contacts can be found in the Master Contact List, along with their respective geographic locations. If personnel are not available, use the normal callout procedure by contacting other individuals who are geographically the next closest to the emergency.

If highways are closed and support is needed:

If inclement weather, an accident or incident has the primary route (I-5) closed and support personnel or material are required from the service area, call the System Manager at [REDACTED] or [REDACTED] or [REDACTED] to make arrangements for aerial transport to Toledo.

**EMERGENCY AREA CONTACTS:**

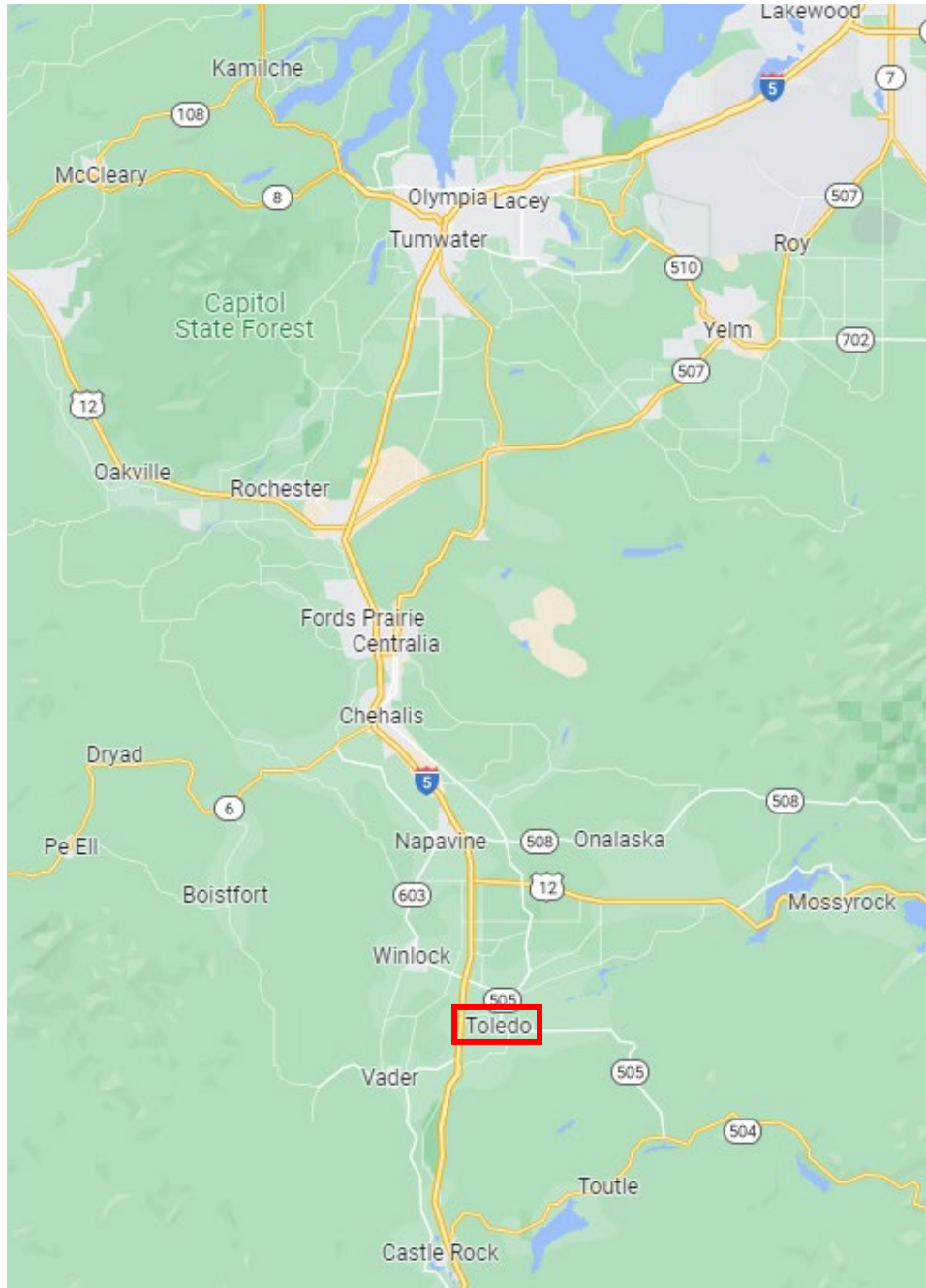
<b>Police / Fire / 911 / Emergency Management</b>		
Toledo Police Department		[REDACTED]
Washington State Patrol		
Lewis County Fire District #2		
Toledo Public Works		
South Lewis County Airport	[REDACTED]	
<b>Puget Sound Energy – Gas and Electric Operations</b>		
Gas Control	PSE extension Outside dialing	[REDACTED]
Gas Operations Dispatch	PSE extension Outside dialing	
Load Office	PSE extension Outside dialing Toll free	
System Operations Supervisor	Toll Free	
<b>OTHER UTILITIES AND PIPELINES</b>		
Williams Pipeline	Office	[REDACTED]
<b>CONTRACTORS</b>		
Infrasource Contractor	Office	[REDACTED]

## **PIPELINE EMERGENCY CONTACTS:**

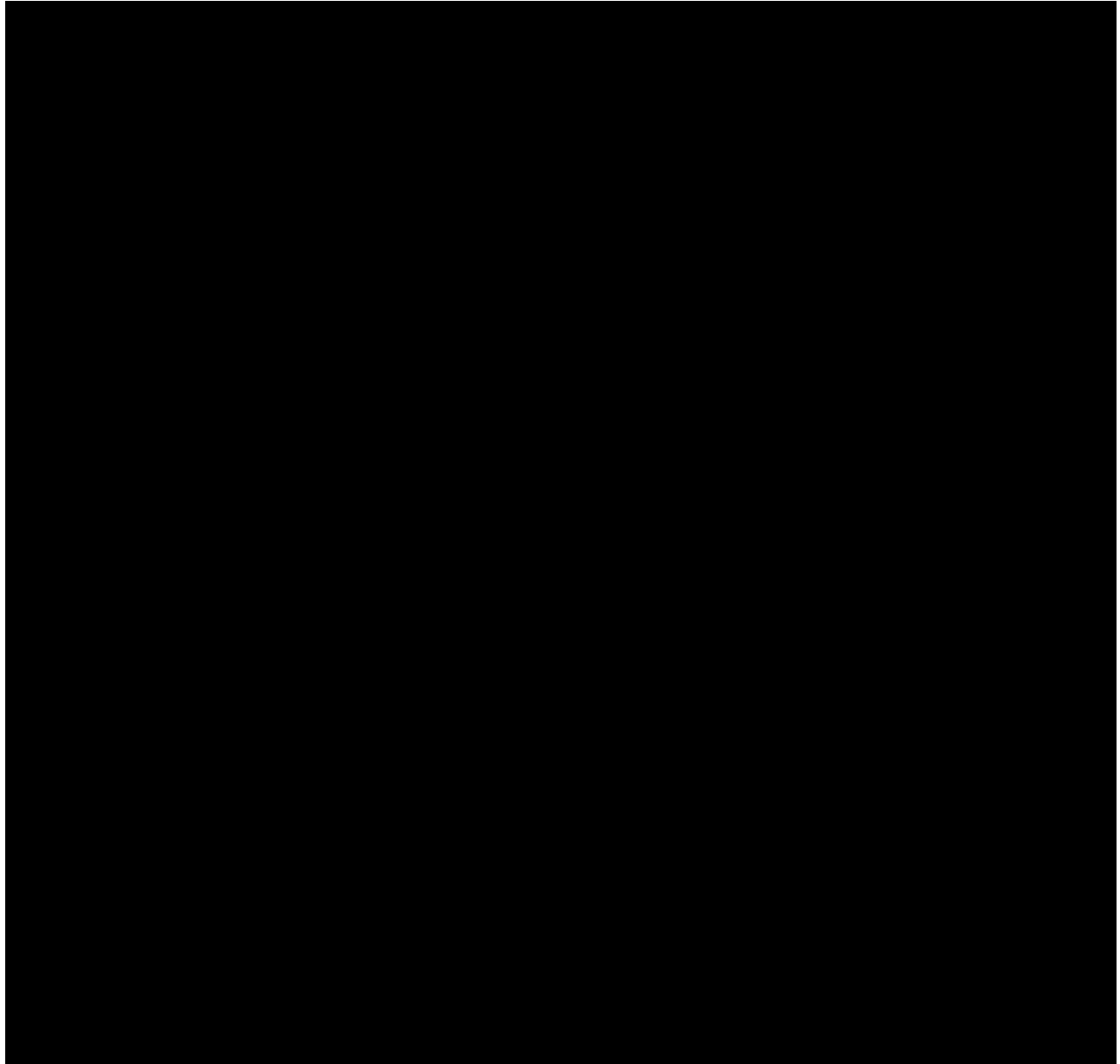
Please see previous page for Williams Northwest Pipeline contact information under the “Other Utilities and Pipelines” section.

## SATELITE VIEW

Locational information in comparison to the regional area



**Map of PSE Facilities**

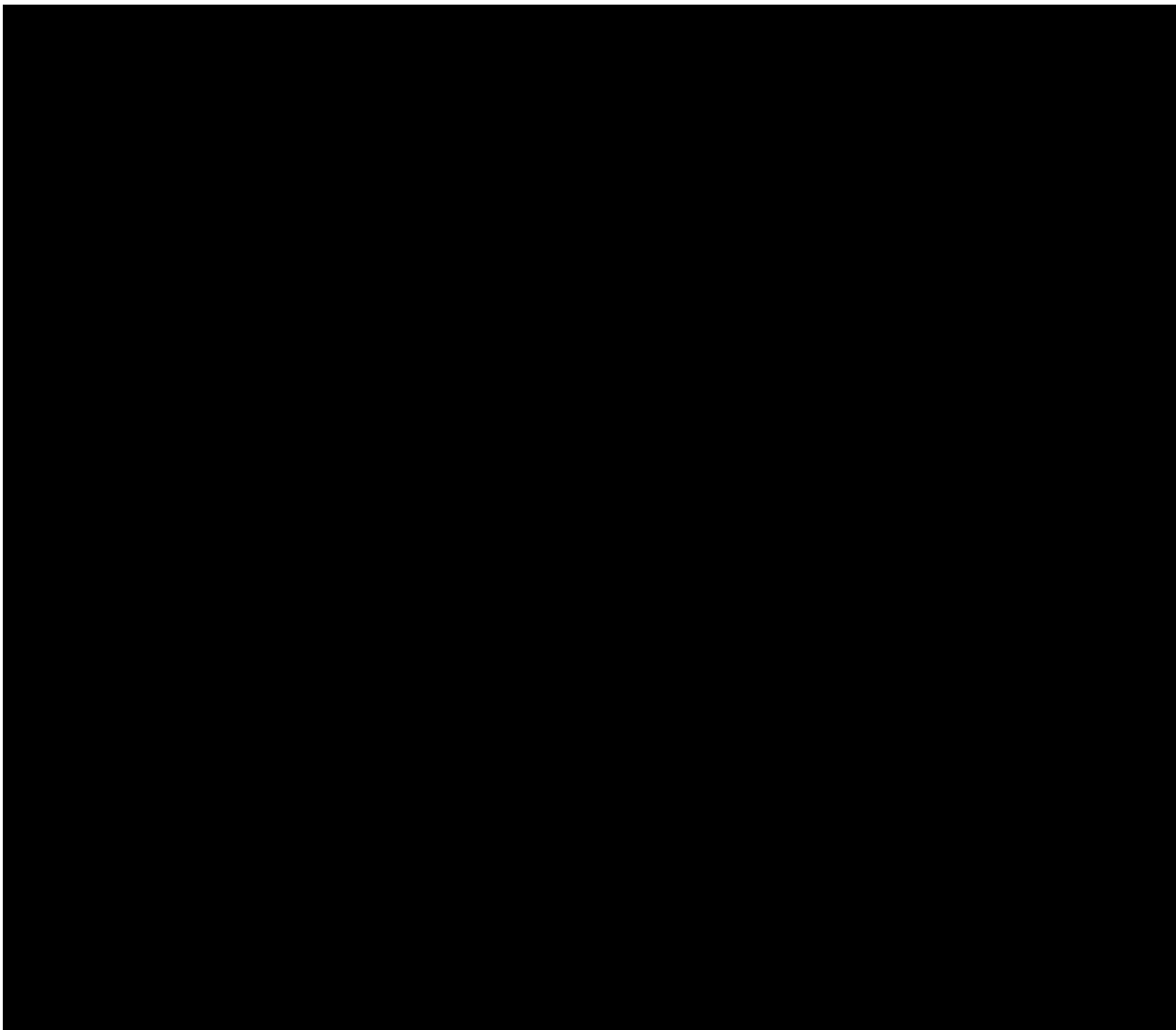


**GATE ACCESS INTO THE BASE:**

This section is not applicable to this plan.

**REGULATOR STATION AND VALVES:**

We have one regulator station feeding the Toledo area. It's located at 





## **EMERGENCY RESPONSE – ODORS, LEAKS, OR BREAKS**

PSE's gas operations are twenty-four (24) hours per day and seven (7) days a week. (24x7). If a gas emergency should occur:

- 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.
- Follow all requires per PSE's gas operating standards (GOS) and gas field procedures (GFP).

## **ROLES AND RESPONSIBILITIES**

### **Gas Control:**

- Dispatch a Pressure Control Technician.
- Notify Gas Operations Dispatch to send GFR personnel.
- Document all pertinent information in the Gas Controllers Log.

### **Gas Operations Dispatch:**

- Dispatch GFR personnel and other departments as required.
- 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.
- Dispatch appropriate personnel to provide locates as requested.
- If after hours, contact appropriate staff as indicated on the ERP document.

### **Pressure Control:**

- Investigate the odor per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **Gas First Response (GFR):**

- Investigate the odor, damage or other event per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **InfraSource:**

- Respond to breaks or leaks at the request of PSE's Gas Operations Dispatch team
- Provide equipment necessary to facilitate repairs

## **MATERIALS AND EQUIPMENT:**

PSE does not have a base or yard in the Toledo area. There are limited materials available in the Centralia staging yard, which is shared by pressure control, CP, and GFR. The nearest gas first response (GFR) base is in Olympia, and as such will respond accordingly from this location.

### **Materials and Equipment From Contractor**

PSE does not maintain any heavy equipment or machinery at this location. Such equipment is available, upon request of our contractor *InfraSource*. The following equipment could be available in the event of an emergency:

- Backhoe
- Excavator
- Sideboom
- Loader
- Bulldozer
- Directional Drill Rig
- Dump Truck
- Equipment Trailers
- Compressors
- Air tools (jackhammer, rock drill, aspirator, tamper, hole-hogs)
- Generators
- Lights
- Pumps
- Welding Equipment (Gas and Arc)
- Shoring Equipment
- Fusion Equipment

## OPS AND PLAT MAP NUMBERS

### OPS Maps:

- [REDACTED]
- [REDACTED]

### Plat Maps:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]


# VASHON ISLAND – ISOLATED AREA EMERGENCY RESPONSE PLAN

VASHON ISLAND EMERGENCY RESPONSE PLAN  
GFR SUPERVISOR RESPONSIBILITY – [REDACTED]

**TABLE OF CONTENTS:**

- Purpose ----- page 2
- How this plan will be executed ----- page 3
- Emergency Area Contacts (Non-PSE) ----- page 4
- Pipeline Emergency Contacts (Non-PSE) ----- page 5
- Vashon Island ----- page 6
  - Satellite View ----- page 6
  - Map of Facilities ----- page 7
  - Gate Access ----- page 8
  - Regulator Stations ----- page 9
- Emergency Response – Odors, Leaks, or Breaks ----- page 10
- Roles and Responsibilities ----- page 11
- Materials and Equipment ----- page 12, 13
- Ops and Plat Map numbers ----- page 14

## PURPOSE OF THIS PLAN

- This document is intended to provide guidance for responding to natural gas emergencies of facilities serving Vashon Island, which is isolated from our franchised distribution service territory. This includes details of our PSE facilities located within the region.
- 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.
- **NOTE** – Information located within a shaded grey box is designated **CONFIDENTIAL** per WAC 480-07-160 all efforts shall be made to protect such information accordingly.  
Example: Gas Dispatch: 

## HOW THIS PLAN WILL BE EXECUTED:

### Regular business hours:

If an emergency should occur during regular business hours, we will need to utilize employees who are working on or near Vashon Island, and if needed, request support from Gas Operations employees located in other areas. This could include Gas First Response (GFR) personnel and/or System Controls and Protection (SC&P).

**NOTE:** When personnel from Gas Operations travel to Vashon Island for regular duties they should notify Gas Control and Gas Operations Dispatch to let them know they will be in the area, including an estimated duration.

*Gas Control*

*Gas Operations Dispatch*



### After hours:

Outside of normal business hours, GFR shall first be contacted, along with SC&P employees who reside closest to the island. These contacts can be found in the Master Contact List, along with their respective geographic locations. If personnel are not available, use the normal callout procedure by contacting other individuals who are geographically the next closest to the emergency.

### If the ferry terminals are closed and support is needed:

If inclement weather, an accident or incident has the ferry terminals closed and support personnel or material are required from the service area, call the System Manager at [REDACTED] or [REDACTED] or [REDACTED] to make arrangements for aerial transport or potentially receive priority loading on one of Washington State Ferry Systems' vessels.



**EMERGENCY AREA CONTACTS:**

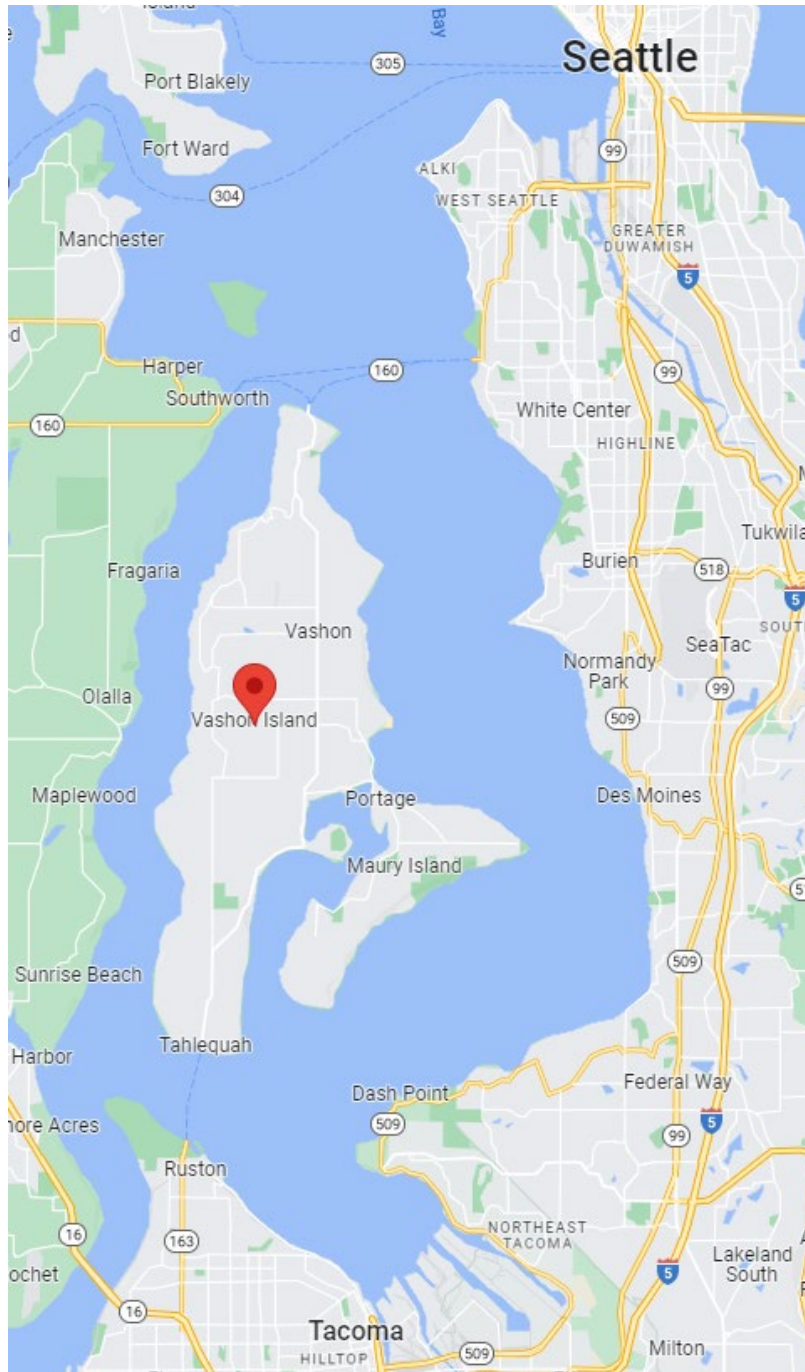
<b>Police / Fire / 911 / Emergency Management</b>		
King County Sheriffs – Vashon Station		[REDACTED]
Vashon Fire and Rescue		
King County Public Works – Vashon Base		
Vashon Municipal Airport (2S1)	[REDACTED]	
<b>Puget Sound Energy – Gas and Electric Operations</b>		
Gas Control	PSE extension Outside dialing	[REDACTED]
Gas Operations Dispatch	PSE extension Outside dialing	
Load Office	PSE extension Outside dialing Toll free	
System Operations Supervisor	Toll Free	
<b>OTHER UTILITIES AND PIPELINES</b>		
NA		[REDACTED]
<b>CONTRACTORS</b>		
Infrasource Contractor	Office	[REDACTED]

**PIPELINE EMERGENCY CONTACTS:**

This section is not applicable to this plan.

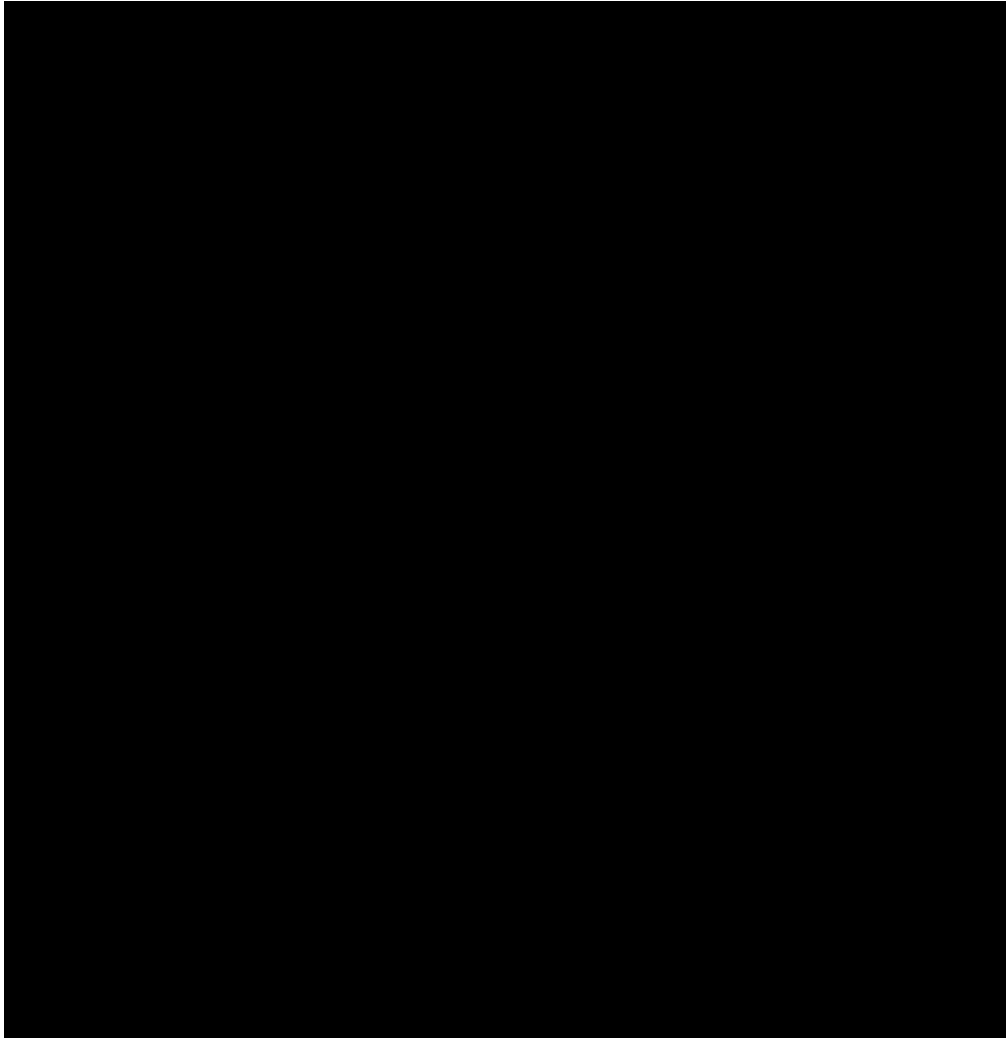
## SATELITE VIEW

Locational information in comparison to the regional area.



### Map of PSE Facilities

PSE has a dense network of distribution pipeline throughout Vashon Island, including high pressure pipelines that bring feed into the area. The below image indicates the location of the HP main system. PSE's Vashon Service Center is also noted in the below map.



### GATE ACCESS INTO VASHON SERVICE CENTER:

The gate for facility access is keycard controlled. The card reader pedestal is on the left-hand side of the gate entrance. To open the gate, personnel must have an authorized security access card (badge). All responders who have been noted for response to the island have received the necessary key card clearance.

PUGET SOUND ENERGY'S VASHON ISLAND OFFICE



**REGULATOR STATION AND VALVES:**

There are ten (10) regulator stations feed the Vashon area, which also receives their feed from two underwater high pressure pipelines that initiate from the Des Moines area and crosses the Puget Sound to Maury Island, then Vashon Island. The pipeline continues westbound across the Colvos Passage waterway into the Gig Harbor area.

Please see ESRI or Tensing for more details and information in regards to the regulator stations. The stations numbers are as follows:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

**EMERGENCY RESPONSE – ODORS, LEAKS, OR BREAKS**

PSE's gas operations are twenty-four (24) hours per day and seven (7) days a week. (24x7). If a gas emergency should occur:

- 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.
- Follow all requires per PSE's gas operating standards (GOS) and gas field procedures (GFP).

Access to Vashon Island is via the Southworth, Fauntleroy, or Point Defiance ferry terminals. If the Gas Operations dispatcher deems the emergency to require immediate response, they will coordinate with the WSF Operations Watch Supervisor at [REDACTED] to request priority loading.

## **ROLES AND RESPONSIBILITIES**

### **Gas Control:**

- Dispatch a Pressure Control Technician.
- Notify Gas Operations Dispatch to send GFR personnel.
- Document all pertinent information in the Gas Controllers Log.

### **Gas Operations Dispatch:**

- Dispatch GFR personnel and other departments as required.
- 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.
- Dispatch appropriate personnel to provide locates as requested.
- If after hours, contact appropriate staff as indicated on the ERP document.
- Procure and coordinate priority loaded onboard WSF vessel for responder(s).
- Coordinate responder(s) access with the WSF Operations Watch Supervisor.

### **Pressure Control:**

- Investigate the odor per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **Gas First Response (GFR):**

- Investigate the odor, damage or other event per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **InfraSource:**

- Respond to breaks or leaks at the request of PSE’s Gas Operations Dispatch team
- Provide equipment necessary to facilitate repairs



## **MATERIALS AND EQUIPMENT:**

PSE maintains a trailer at the Vashon Service Center, which will be used to carry materials needed in the event of a gas emergency. The following tools may be available:

### **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 [REDACTED]

### **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:**

½", ¾", 1", 1 ¼", 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

**Materials and Equipment from Contractor**

PSE does not maintain any heavy equipment or machinery at this location. Such equipment is available, upon request of our contractor ***InfraSource***. The following equipment could be available in the event of an emergency:

- Backhoe
- Excavator
- Sideboom
- Loader
- Bulldozer
- Directional Drill Rig
- Dump Truck
- Equipment Trailers
- Compressors
- Air tools (jackhammer, rock drill, aspirator, tamper, hole-hogs)
- Generators
- Lights
- Pumps
- Welding Equipment (Gas and Arc)
- Shoring Equipment
- Fusion Equipment

## OPS AND PLAT MAP NUMBERS

### OPS Maps:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

# WINLOCK – ISOLATED AREA EMERGENCY RESPONSE PLAN

WINLOCK EMERGENCY RESPONSE PLAN  
GFR SUPERVISOR RESPONSIBILITY – [REDACTED]

**TABLE OF CONTENTS:**

- Purpose ----- page 3
- How this plan will be executed ----- page 4
- Emergency Area Contacts (Non-PSE) ----- page 5
- Pipeline Emergency Contacts (Non-PSE) ----- page 6
- Winlock Area ----- page 7
  - Satellite View ----- page 7
  - Map of Facilities ----- page 8
  - Gate Access ----- page 9
  - Regulator Station and Valves ----- page 10
- Emergency Response – Odors, Leaks, or Breaks ----- page 11
- Roles and Responsibilities ----- page 12
- Materials and Equipment ----- page 13
- Ops and Plat Map numbers ----- page 14

## PURPOSE OF THIS PLAN

- This document is intended to provide guidance for responding to natural gas emergencies of facilities serving the City of Winlock, which is isolated from our franchised distribution service territory. This includes details of our PSE facilities located within the region.
- Winlock resides in Lewis County which is prone to flooding. PSE may need to isolate areas of our gas system during these scenarios.
- 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.
- **NOTE** – Information located within a shaded grey box is designated **CONFIDENTIAL** per WAC 480-07-160 all efforts shall be made to protect such information accordingly.  
Example: Gas Dispatch: [REDACTED]

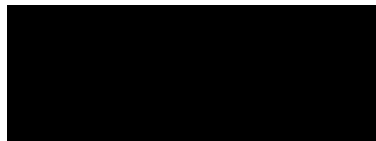
**HOW THIS PLAN WILL BE EXECUTED:**

Regular business hours:

If an emergency should occur during regular business hours, we will need to utilize employees who are working in or near the Winlock area and if needed, request support from Gas Operations employees located in other counties. This could include Gas First Response (GFR) personnel and/or System Controls and Protection (SC&P).

**NOTE:** When personnel from Gas Operations travel to the Winlock area for regular duties they should notify Gas Control and Gas Operations Dispatch to let them know they will be in the area, including an estimated duration.

*Gas Control*  
*Gas Operations Dispatch*



After hours:

Outside of normal business hours, GFR shall first be contacted, along with SC&P employees who reside closest to the Winlock area. These contacts can be found in the Master Contact List, along with their respective geographic locations. If personnel are not available, use the normal callout procedure by contacting other individuals who are geographically the next closest to the emergency.

If highways are closed and support is needed:

If inclement weather, an accident or incident has the primary route (I-5) closed and support personnel or material are required from the service area, call the System Manager at [REDACTED] or [REDACTED] or [REDACTED] to make arrangements for aerial transport to Winlock.

**EMERGENCY AREA CONTACTS:**

<b>Police / Fire / 911 / Emergency Management</b>		
Winlock Police Department		[REDACTED]
Washington State Patrol		
Lewis County Fire District #2		
Lew County Public Works		
South Lewis County Airport	[REDACTED]	
<b>Puget Sound Energy – Gas and Electric Operations</b>		
Gas Control	PSE extension Outside dialing	[REDACTED]
Gas Operations Dispatch	PSE extension Outside dialing	
Load Office	PSE extension Outside dialing Toll free	
System Operations Supervisor	Toll Free	
<b>OTHER UTILITIES AND PIPELINES</b>		
Williams Pipeline	Office	[REDACTED]
<b>CONTRACTORS</b>		
Infrasource Contractor	Office	[REDACTED]

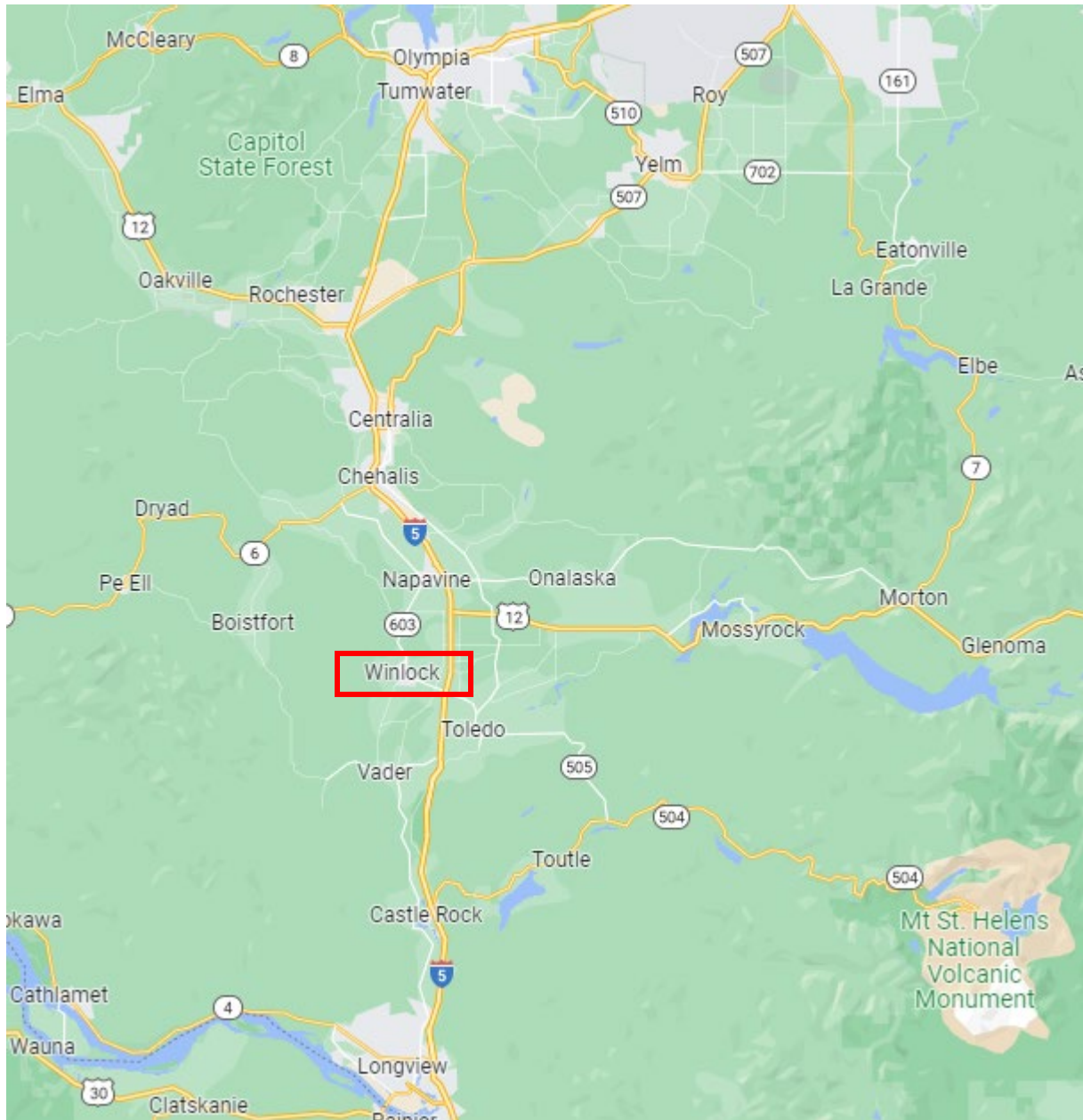


## **PIPELINE EMERGENCY CONTACTS:**

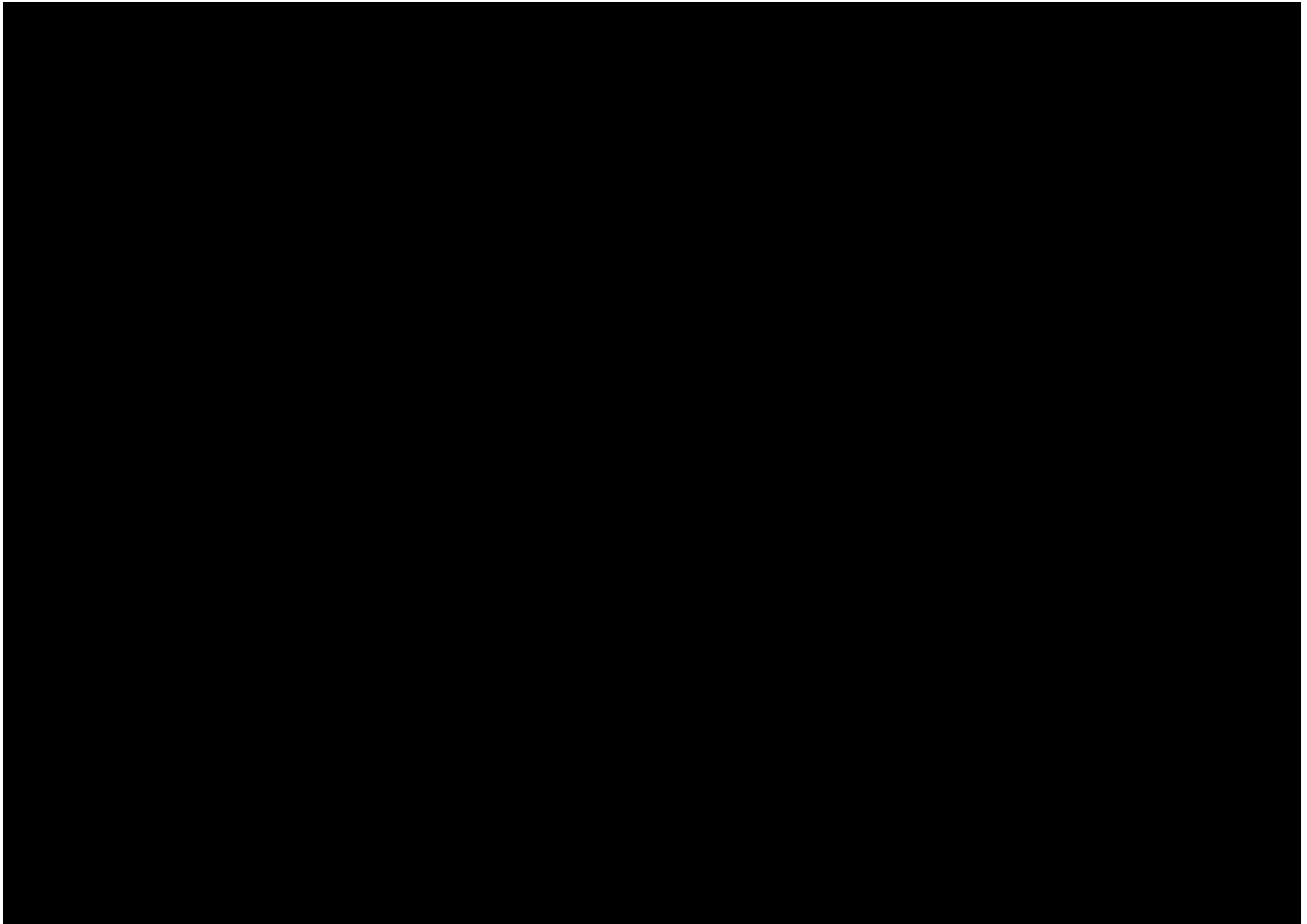
Please see previous page for Williams Northwest Pipeline contact information under the “Other Utilities and Pipelines” section.

## SATELITE VIEW

Locational information in comparison to the regional area



**Map of PSE Facilities**

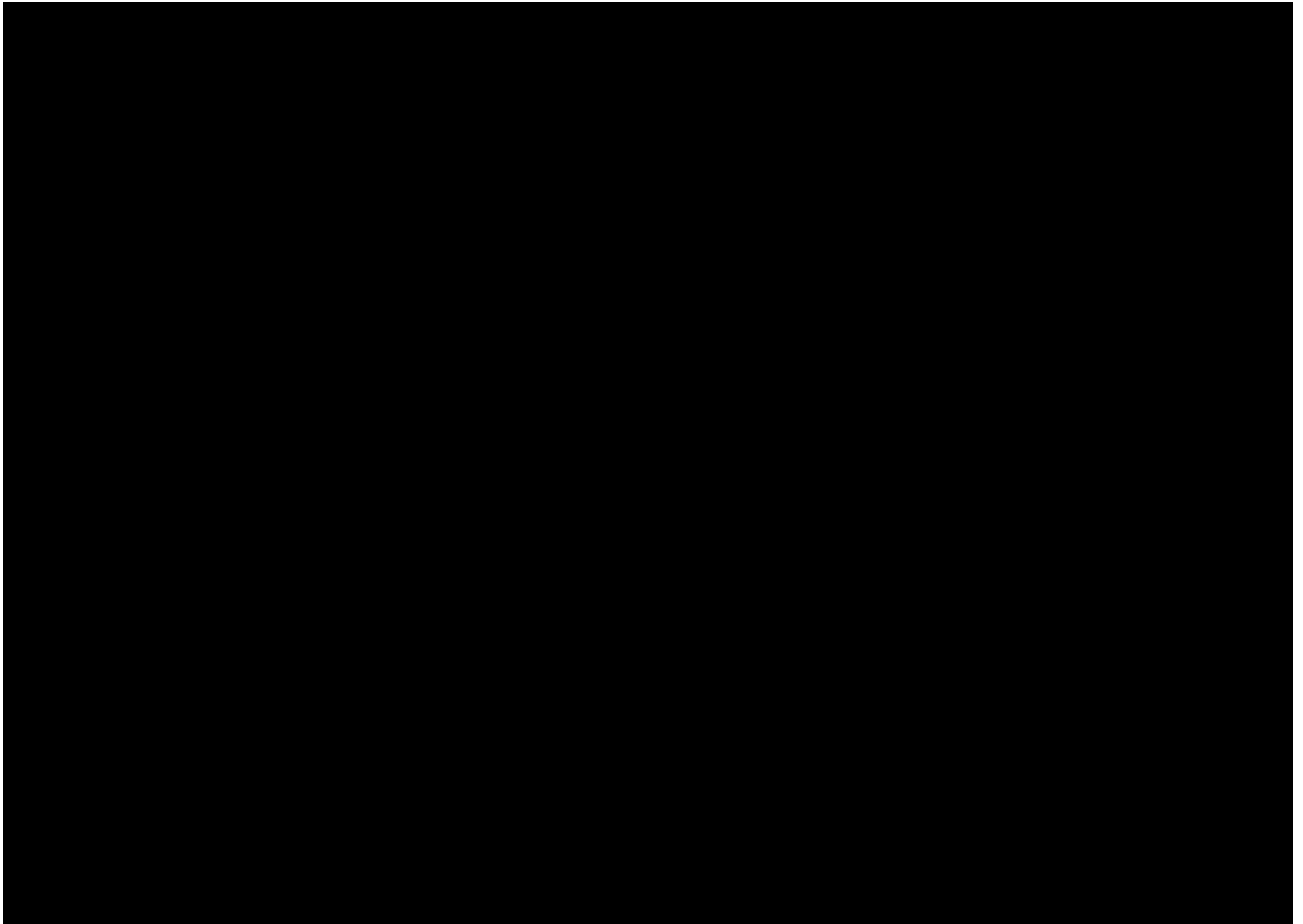


**GATE ACCESS INTO THE BASE:**

This section is not applicable to this plan.

**REGULATOR STATION AND VALVES:**

PSE has five regulator stations that feed the area. Please see ESRI or Tensing for more detailed information.



## **EMERGENCY RESPONSE – ODORS, LEAKS, OR BREAKS**

PSE's gas operations are twenty-four (24) hours per day and seven (7) days a week. (24x7). If a gas emergency should occur:

- 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.
- Follow all requires per PSE's gas operating standards (GOS) and gas field procedures (GFP).

## **ROLES AND RESPONSIBILITIES**

### **Gas Control:**

- Dispatch a Pressure Control Technician.
- Notify Gas Operations Dispatch to send GFR personnel.
- Document all pertinent information in the Gas Controllers Log.

### **Gas Operations Dispatch:**

- Dispatch GFR personnel and other departments as required.
- 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.
- Dispatch appropriate personnel to provide locates as requested.
- If after hours, contact appropriate staff as indicated on the ERP document.

### **Pressure Control:**

- Investigate the odor per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **Gas First Response (GFR):**

- Investigate the odor, damage or other event per the appropriate Operating Standards and Field Procedures.
- Document the investigation as required.

### **InfraSource:**

- Respond to breaks or leaks at the request of PSE's Gas Operations Dispatch team
- Provide equipment necessary to facilitate repairs

## **MATERIALS AND EQUIPMENT:**

PSE does not have a base or yard in the Winlock area. There are limited materials available in the Centralia staging yard, which is shared by pressure control, CP, and GFR. The nearest gas first response (GFR) base is in Olympia, and as such will respond accordingly from this location.

### **Materials and Equipment From Contractor**

PSE does not maintain any heavy equipment or machinery at this location. Such equipment is available, upon request of our contractor **InfraSource**. The following equipment could be available in the event of an emergency:

- Backhoe
- Excavator
- Sideboom
- Loader
- Bulldozer
- Directional Drill Rig
- Dump Truck
- Equipment Trailers
- Compressors
- Air tools (jackhammer, rock drill, aspirator, tamper, hole-hogs)
- Generators
- Lights
- Pumps
- Welding Equipment (Gas and Arc)
- Shoring Equipment
- Fusion Equipment



## OPS AND PLAT MAP NUMBERS

### OPS Maps:

- [REDACTED]
- [REDACTED]

### Plat Maps:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]