

Seattle Fire Department

Residential Heating Oil Tank Decommissioning Permit Application

(1 - 4 Residential Unit(s) and ≤ 1,100 Gallon Tank) A separate permit is required for each tank.

Fee: \$92.00 Permit Code: 6103



Application Information (please print)

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NAME OF PROPERTY OWNER

x Christopher Haase

DAYTIME PHONE

x 425 273 1084

I, the property owner, was provided with a copy of the permit conditions and the Seattle Fire Department Information Bulletin No. 962. I understand that no permit will be issued after decommissioning is already done. I also understand that the ICC-certified Decommissioner noted below will provide me with a copy of the Decommissioning report within 30 days of completion of the decommissioning work.

Signature of Property Owner: X

Christopher Haase

Date: X

August 11, 2009

NAME OF PERMIT APPLICANT

Seattle Tank Service

FAX

206-933-1967

MAILING ADDRESS

PO Box 31516

SUITE

CITY

Seattle

STATE

Washington

ZIP

98103

ADDRESS OF PROPERTY WHERE TANK IS LOCATED

CITY

Seattle

STATE

Washington

ZIP

NAME AND ADDRESS OF ICC CERTIFIED DECOMMISSIONER

James Leonard PO Box 31516 Seattle, Washington 98103

PHONE NUMBER

206-938-2280

DATE PUMP AND RINSE WILL TAKE PLACE*

DATE CAPPING, FILLING, OR REMOVAL WILL TAKE PLACE*

Please include a check for \$92.00 made payable to the CITY OF SEATTLE with this application. This payment is not transferable to any other application or to any other site.

ADVANCE DEPOSIT WITHDRAWAL: Please withdraw from my account \$92.00 for this application. This payment is not transferable to any other application or to any other site.

Authorized Signature: _____

Printed Name: _____

Permit applications may be submitted in person weekdays from 8:00 a.m. to 4:30 p.m., or mailed to:

Seattle Fire Department
Fire Marshal's Office--Permits
220 3rd Avenue South
Seattle, WA 98104-2608

*Please note: (1) Heating oil tank decommissioning must be accomplished by, or overseen by, a current holder of an ICC Underground Storage Tank (UST) Decommissioning Certificate on file at the Fire Marshal's Office. (2) If decommissioning work will not be done on the date indicated, you must notify the Fire Marshal's Office in writing (fax) or in person by 9:00 am of the day when the work will actually be performed. Failure to comply with either condition renders the permit invalid and may subject you to criminal liability.

Fire Department Personnel Only

Empty box for Fire Department Personnel use.

PERMIT NUMBER

DATE RECEIVED

RECEIPT NUMBER

CHECK NO./SFD ACCOUNT NO.

APPROVED BY



www.SeattleTank.com
Tel: (206) 938-2280
Fax: (206) 933-1967
August 31, 2009



www.TacomaTank.com
Tel: (253) 589-9658
Fax: 1(800) 815-8512

Seattle Tank Services proposes to:

Christopher Haase
2326 NE 92nd St
Seattle, WA 98115

JOB LOCATION: Same

To remove and dispose of petroleum contaminated soil around the area where a failed Oil Tank was located. The petroleum contaminated soil will be removed in the attempt to reach The Washington State Department of Ecology's Model Toxics Control Act Method "A" cleanup standard of 2000 parts per million (PPM) of total petroleum hydrocarbons (TPH). Final testing will be done using a Washington State Department of Ecology approved analytical laboratory. **The removal of 10 tons of material does not guarantee that all contaminated material will be removed and that additional material at the cost of \$385.00 per ton may need to be removed to achieve cleanup levels. The volume of 10 tons is provided as an example only. Soil excavation will require manual methods and the use of a truck-mounted industrial vacuum.**

Included in this quote are as follows:

- Removal and disposal of approximately 10 tons of petroleum-contaminated material. **Additional tonnage will be invoiced at \$385.00 per ton, if tonnage removed is below 10 tons; invoiced amount will be reduced by \$385.00 per ton.** The weigh slips at the disposal site will determine the amount removed and invoiced. Backfill excavation with type-17 pitrun and compact. Backfilling requires a conveyor belt truck and manual wheelbarrows.
- Security fencing around job site.
- Soil testing using method NWTPH-Dx is used to determine PPM of TPH in the excavation and whether the cleanup standards have been achieved are billed @ \$85.00 per sample.

Seattle Tank Services proposes to provide the services outlined above at the line item costs as provided plus Washington State sales tax:

- | | |
|--|------------------|
| • Mobilization and fencing (job) | \$ 425.00 |
| • Removal and disposal of 10 tons contaminated material: | |
| ◦ 10 Tons @ \$385.00 ton | \$ 3,850.00 |
| • Backfill with type-17 pitrun | \$ Included |
| • Conveyor belt truck for backfill \$450 per load | \$ 450.00 |
| • Soil Analysis: 5ea @ \$85.00/ea. | \$ 425.00 |
| • Final Report and Documentation. | <u>\$ 350.00</u> |

Example Total: **\$5,500.00****

***** Final cost to be determined by actual tonnage removed and reflected on the disposal ticket and exact quantities..***

Not included in this quote are as follows:

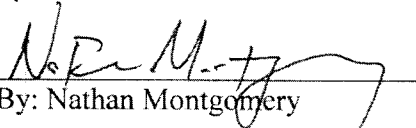
- Excavation of soil under or near the foundation of the adjacent structure to the point it would affect the structure.
- Repair, replacement or rerouting of utilities or fencing. The price for utility repair or replacement is our cost plus 20%.
- Dewatering of excavation and disposal of contaminated water if needed is \$1.00 per gallon.
- Landscaping and concrete repair is not included. Quote will be provided at completion of excavation phase if requested.

Terms:

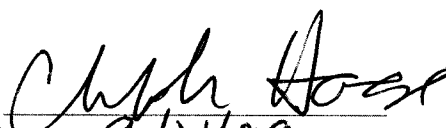
Total amount is due in full on completion, 1 1/2% interest per month on unpaid balance from due date on any amount over 30 days late.

Should the terms of this proposal be acceptable please sign in the space provided below and return a copy to Seattle Tank Services. If you have any questions please call us at (206) 938-2280. We look forward to working with you on this project.

Submitted,
Seattle Tank Services


By: Nathan Montgomery

Accepted,

By 
Date 9/21/09



www.SeattleTank.com



Tel: (206) 938-2280

Fax: (206) 933-1967

P.O. Box 31516
Seattle, Washington 98103

IFCI/ICBO Certified Lic# SEATTTT01204



www.TacomaTank.com

Tel: (253) 589-9658

Fax: 1-800-815-8512



Proposal Submitted To <u>Christopher Haase</u>		Date <u>8/11/09</u>	Quote # <u>0805-03</u>
Street <u>2326 NE 92ND ST.</u>		Job Location <u>Same</u>	
City, State and Zip Code <u>Seattle, WA 98115</u>		Real Estate Agent	
Home Tel <u>cell 425 273-1084</u>	Work Tel	Tel	Fax
Purchaser	Seller	Mortgage/Escrow	

We hereby submit specifications and estimates for the following work to a 300 gallon heating oil tank.

- ☐ 1. Locate underground heating oil tank \$ —
- ☐ 2. Pump out approx. 0 gallons of heating oil and approx. 8 gallons of waste water from heating oil tank. \$ Included
- ☐ 3. Pump/Rinse/Cap – Tank is pumped out, tripled rinsed through the fill pipe. The vent pipe is cut off/capped and the fill pipe is capped below grade. \$ 310⁰⁰
- ☐ 4. Pump/Rinse/Fill – Tank is pumped out, tripled rinsed through the fill pipe and tank is filled with ☒ foam or ☐ cement slurry. The vent pipe is cut off/capped and the fill pipe is capped below grade. \$ 750⁰⁰
- ☐ 5. Removal - Tank is pumped out, excavated and removed. The hole is backfilled and compacted, and the tank is disposed of. The ground cover and/or sod are replaced at the excavation site. Removal of contaminated soil if any is found is not included. See # 7 other below \$ 850⁰⁰
- ☐ 6. Permits: Obtain required permit from the City of: Seattle Permit Fee: \$ 92⁰⁰
- ☐ 7. Other: FOR REMOVAL: SITE RESTORATION, SOIL TESTING OR REPAIR/RELOCATING OF ANY UNDERGROUND UTILITIES OR DRAIN LINES IS NOT INCLUDED IN THIS BID & CAN BE QUOTED SEPARATELY IF DESIRED \$ —

Check only the box for which service you would prefer.

- ☐ A. Pump/Clean/Cap + Permit + Other = \$ 402⁰⁰ plus Tax.
- ☐ B. Pump/Clean/Fill + Permit + Other = \$ 842⁰⁰ plus Tax.
- ☒ C. Removal + Permit + Other See # 7 other above = \$ 942⁰⁰ plus Tax.

A LETTER OF CERTIFICATION AND APPROVED PERMIT (WHERE APPLICABLE) WILL BE PROVIDED WHEN INVOICE IS PAID IN FULL

All work is done, and contents are disposed of according to the codes and guidelines set forth by the Washington State Department of Ecology, Local Fire Codes and International Fire Code Institute. For all tanks decommissioned in place (Filled/Capped) the owner of the property remains responsible for any and all conditions of soil contamination that may exist including costs for future cleanup and disposal of contaminated material.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikers, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance. In the event of litigation relating to the subject matter of this Agreement, the non-prevailing party shall reimburse the prevailing party for all reasonable attorney fees and costs resulting therefrom.

Signature

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Payment to be made as follows:

☒ ON COMPLETION ☐ ON CLOSING OF SALE OR 30 DAYS WHICHEVER IS FIRST ☐ OTHER

1 1/2 % INTEREST PER MONTH ON PAST DUE AMOUNTS PLUS A \$20.00 ADMINISTRATIVE FEE PER MONTH.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. I agree to pay the total amount for the outlined services above.

X Signature

X Date

8/11/2009

Job Location: 2326 NE 92nd St
 Seattle, WA 98115
 Name: Christopher Haase
 Address: 2326 NE 92nd St
 City: Seattle, WA 98115
 Phone: (425) 273-1084
 Email: christopher@gmail.com

Final Cost Break Down

Remediation Work

Item	Unit	Rate	Quantity	Subtotal
Tank Removal and Permit	job	\$ 942.00	1	\$ 942.00
Mobilization and Fencing	job	\$ 425.00	1	\$ 425.00
Use super sucker to remove petroleum contaminated soil and back fill excavation with type-17 pitrun.	ton	\$ 385.00	8.05	\$ 3,099.25
NWTPHD-x soil analysis	each	\$ 85.00	6	\$ 510.00
Install liquid disbursement manifold in excavation	job	\$ 150.00	1	\$ 150.00
Limited access backfill upcharge (conveyor truck)	load	\$ 450.00	1	\$ 450.00
Biological treatment of open excavation (1 application)	job	\$ 250.00	1	\$ 250.00
Prepare final report	job	\$ 350.00	1	\$ 350.00
Subtotal				\$ 6,176.25

Restoration Work

Item	Unit	Rate	Quantity	Subtotal
Deliver and Place two yards of topsoil		Included		
Subtotal				\$ -

Total Cost is:	\$ 6,176.25
Plus Tax	\$ 586.74
Grand Total Cost is:	\$ 6,762.99

Seattle Tank Services

Tacoma Tank Services

PO Box 31516

Seattle, WA 98103

(206)938-2280/(253)589-9658

Invoice

DATE	INVOICE #
10/23/2009	3322

BILL TO
CHRISTOPHER HAASE 2326 NE 92ND ST SEATTLE, WA 98115

JOB ADDRESS
SAME

JOB NUMBER	TERMS	REP	PURCHASER	SELLER
ST5201	Due on receipt	NJM		
SERVICE	DESCRIPTION			AMOUNT
RQ	Final Cost per attached cost breakdown			6,176.25T
Thank you for your business.			Subtotal	\$6,176.25
CERTIFICATE OF DECOMMISSIONING AND PERMIT (IF APPLICABLE) WILL BE SENT UPON RECEIPT OF PAYMENT.			Sales Tax (9.5%)	\$586.74
			Total	\$6,762.99
			Payments/Credits	\$0.00
			Balance Due	\$6,762.99

SEATTLE FIRE DEPARTMENT
Information Bulletin #962



Decommissioning of Residential Heating Oil Tanks

The Law

Section 3404.2.13 of the Seattle Fire Code requires that tanks and piping serving heating oil tanks which have been out of service for a period of one year or more be removed from the ground or abandoned in place.

Section 105.7.4 of the Seattle Fire Code further requires that a permit be obtained to remove, abandon, place temporarily out of service or otherwise dispose of a heating oil tank.

Permits—Process and Cost

A permit (Code: 6103; Fee: \$92.00) is required from the Seattle Fire Department prior to decommissioning **each individual** underground heating oil tank. Permits are issued to the person or contractor performing the decommissioning work. Permits are not issued to the property owner, unless that person is actually doing the work.

Permit applications may be downloaded from the Seattle Fire Department web page at www.seattle.gov/fire/permit/permits or by calling the Fire Department Permit Section at 206-386-1025, Monday--Friday, 8:00AM to 4:30 PM. Applications may also be obtained in person from the Seattle Fire Department Fire Marshal's Office at 220 3rd Avenue South, Seattle, WA 98104. Office hours are Monday through Friday, 8:00 AM to 4:30 PM.

Complete permit applications will be processed, stamped *Approved to Proceed* and returned to the applicant accompanied by:

- Permit Conditions
- Information Bulletin #962
- Heating Oil Tank Decommissioning Report Form

- Washington Department of Ecology Report *Residential Heating Oil Tanks*.

NOTE: No permit will be issued after tank decommissioning work is performed. Work shall not commence until after a Fire Department permit application stamped *Approved to Proceed* has been received by the applicant.

Requirements

Decommissioning work must not start until a permit application stamped *Approved to Proceed* has been received by the applicant. The decommissioning must be performed, or directly supervised, by an individual certified by the International Code Council (ICC) as an Underground Storage Tank (UST) Decommissioner. A copy of the individual's current ICC certificate must be on file with the Seattle Fire Department. The ICC-certified Decommissioner must be present at the tank site during the entire decommissioning operation, whether tank decommissioning is done by an independent contractor or by the property owner. This requirement applies to both tank removal and abandonment in place.

Both removal and abandonment in place are methods of decommissioning available for the purposes of the Seattle Fire Code. However, removal of the tank is strongly recommended. If abandonment in place is selected as the method of decommissioning, the tank may either be filled with an inert solid material (e.g. sand, concrete slurry, foam, etc.) or left empty. In both cases when abandoning a tank in place, the interior of the tank must be triple rinsed and washed to remove as much residual product and bottom sludge as possible. Then

the tank must be permanently capped below grade to prevent accidental refilling. Applicants should carefully review the merits of their options before choosing a method of decommissioning. Tanks suspected of leaking should be removed from the ground rather than abandoned in place. The Seattle Fire Department can not predict, and does not attempt to predict, what future regulations may require of tanks abandoned in place under the current guidelines. A tank abandoned in place now may later require removal at additional cost and potential hazard.

The Seattle Fire Department *Heating Oil Tank Decommissioning Report Form* accompanying the approved permit must be completed by the ICC-certified Underground Storage Tank Decommissioner performing or supervising the work. This form must be returned to the Fire Department by the ICC-certified Decommissioner within 30 days of completion of the decommission.

To document decommissioning of the tank, the property owner should retain a copy of the Tank Decommissioning Report Form and the permit application stamped *Approved to Proceed*, as well as all receipts, certifications and written materials associated with the project.

Compliance with the Seattle Fire Code does not require that a site plan be submitted or that any soil samples be taken. However, the property owner or operator may have other obligations, including but not limited to, spill or leak reporting requirements and clean up requirements under environmental or other laws apart from the Seattle Fire Code. For example, if a tank has leaked, the Washington State Department of Ecology does have reporting requirements based on the extent of contamination found. The Northwest Regional Office of the Department of Ecology may be reached at (425) 649-7000. The Seattle Fire

Department makes no representation about the application of any other laws, and it is the responsibility of the property owner or operator to determine what laws apply in an individual case.

NOTE: It is the responsibility of the ICC-certified Decommissioner conducting or overseeing the decommissioning work to provide a copy of the Decommissioning Report to the property owner within 30 days of completion of the decommission work. The permit applicant shall provide a copy of the permit stamped *Approved to Proceed* to the property owner.

RESIDENTIAL UNDERGROUND HEATING OIL DECOMMISSIONING PERMIT CONDITIONS

CAUTION: Tanks suspected of leaking should be removed from the ground rather than abandoned in place. Site assessment or remediation of contaminated areas may be required by the Washington State Department of Ecology or the U.S. Environmental Protection Agency at locations where tanks have leaked.

REMOVING THE TANK

When removing a tank from the ground, the following steps shall be taken. (Note: For your own records, we advise you to photograph the tank removal and keep copies of all permits, certifications, and receipts.)

1. Find out what product is in the tank (heating oil, kerosene, waste oil, etc.).
2. Have the residual heating oil or petroleum product pumped from the tank by a tank decommissioning company, a tank cleaning company, or a used oil recycler.
3. Two (2) portable fire extinguishers with a minimum rating of 40BC shall be on site within 50 feet of the operation.
4. Rope or ribbon barricades shall be provided circling 10 feet from the operation or be enclosed in a fenced yard.
5. "No Smoking" signs shall be posted in readily visible locations.
6. Properly dispose of the residual product through a tank cleaning company or a used oil recycler.
7. Remove oxygen from the tank to prevent an explosive mixture by inerting with dry ice pellets. When inerting with dry ice, use at least 10 pounds of pellets per 500 gallons of air space, and drop the pellets into the tank through the fill pipe opening. The tank can also be inerted by a certified marine chemist. CAUTION: Check for submerged fill tube or pipe before inerting.
8. Disconnect and drain any associated piping before removing the tank from the ground. To prevent possible damage to buried utilities (telephone, natural gas, water, etc.), "Call Before You Dig" at 1-800-424-5555.
9. Cap the tank except for a 1/8" opening prior to transport off-site. If the tank has holes and leaks, wrap it with polyethylene plastic sheets to contain the residues. Within 24 hours of excavation, transport the inerted tank to an approved site to have it cut, cleaned, and scrapped. Note: If the tank is to be cut with a torch, or any other spark-producing devices, it must be inerted and certified safe for hot work by a marine chemist. An additional Hot Work Permit will be required from the Seattle Fire Department prior to commencement of any hot work.
10. Call the Department of Ecology at (206) 649-7000 to report a release of petroleum if it has gone across your property line, or impacted surface water or groundwater, or if there are vapor's or product in a neighbor's basement.
11. Refill the exposed hole in the ground. Use additional clean fill material as needed.
12. The Seattle Fire Department Heating Oil Tank Decommissioning Report form shall be completed by the IFCI-certified Underground Storage Tank Decommissioner who conducted or directly supervised the decommissioning work, signed by the certified decommissioner, and returned by the decommissioner to the Seattle Fire Department within 30 days of completion of the work. The information contained on the Report will be retained as a public record.

ABANDONING THE TANK IN PLACE

When abandoning a tank in place, the following steps shall be taken. (Note: For your own records, we advise you to photograph the tank removal and keep copies of all permits, certifications, and receipts.)

1. Find out what product is in the tank (heating oil, kerosene, waste oil, etc.).
2. Have the residual heating oil or petroleum product pumped from the tank by a tank decommissioning company, a tank cleaning company, or a used oil recycler.
3. Two (2) portable fire extinguishers with a minimum rating of 40BC shall be on site within 50 feet of the operation.
4. Rope or ribbon barricades shall be provided circling 10 feet from the operation or be enclosed in a fenced yard.
5. "No Smoking" signs shall be posted in readily visible locations.
6. Have the tank triple rinsed and washed to remove residual product and bottom sludge or sediments as much as possible.
7. Properly dispose of the residual product and wash water through a tank cleaning company or a used oil recycler.
8. Remove the vent pipe, and any other associated pipings, if possible.
9. Either fill the tank completely with an inert, solid material such as sand, polyurethane foam, or concrete slurry or leave the tank empty. Note: If the tank is to be cut with a torch, or any other spark producing devices, it must be inerted and certified 'Safe for Hot Work' by a Marine Chemist. An additional Hot Work Permit will be required from the Seattle Fire Department prior to commencement of any hot work.
10. Permanently cap the tank below grade to prevent accidental refill. (Note: One method to accomplish this would be to insert an expandable concrete in the fill pipe.)
11. The Seattle Fire Department Heating Oil Tank Decommissioning Report form shall be completed by the IFCI-certified Underground Storage Tank Decommissioner who conducted or directly supervised the decommissioning work, signed by the certified decommissioner, and returned by the decommissioner to the Seattle Fire Department within 30 days of completion of the work. The information contained on the Report will be retained as a public record.





