



Application to Demolish Buildings

A permit is required to demolish any building on residential, commercial or industrial property located within the City of Livermore. **Please read the information below, prepare the requested drawings, complete the attached PCBs Screening Assessment Form, and complete this application.**

Submit two (2) copies of a site plan drawn to scale showing all the buildings and structures on the property. Indicate which building(s) are to be demolished and the height and square footage of each building. If applicable, indicate the location(s) of any septic tanks, leach fields and/or wells. Indicate how these systems will be abandoned and/or removed. Show the distance to pedestrian ways (sidewalk). ***If applicable, show the type and location of pedestrian protection as required by Section 3303 of the current California Building Code. Prior to commencing work, a site inspection will need to be scheduled with the City of Livermore Permit Center (Building Division) to verify compliance of proposed pedestrian protections (See attached City of Livermore Informational Bulletin No.49 for additional information).***

If the building(s) being demolished are 50 years old or more, *prior to issuance of the demo permit*, a photograph of each side of the building will need to be submitted to the Planning Division for the Heritage Preservation Committee to review. For questions regarding the Heritage Preservation Committee review process, contact the Planning Division at (925) 960-4450.

Please complete the following information:

Application Date: _____	Permit Number (office use): _____
Applicants Name: _____	Phone Number: _____
Address of Building(s) to be Demolished: _____	
Property Owner Name: _____	Phone Number: _____
Property Owner Mailing Address: _____	
Contractor Name: _____	Phone Number: _____
Contractor Address: _____	
Contractor License Type (A, B or C-21) and Number: _____	
Demolition Valuation (Total cost of the building(s) being removed) \$ _____	

Updated 10/20/2011

City Hall
Permit Center

Community Development Department
1052 South Livermore Avenue
Livermore, CA 94550

phone: (925) 960-4410
fax: (925) 960-4419
TDD: (925) 960-4104

www.cityoflivermore.net

Square Footage of Building(s) Being Removed: _____

Square Footage of Impervious Surface Being Removed (ie. Driveway, parking lot, walkways etc.): _____

Commercial / Industrial buildings – Indicate the “use” of the Demolished Building(s) _____

Method of Demolition & Removal (describe in detail): _____

Prior to the Issuance of the Demolition Permit – Utility companies need to be notified & signatures obtained for the utilities indicated below to verify that services have been disconnected and terminated in an approved manner and that permission is granted to the Building Division of the Community Development Department to issue a demolition permit. Additionally, evidence of notification of demolition to Bay Area Air Quality Management District (BAAQMD) per Regulation 11, Rule 2 will be required.

P.G. & E. (800-PGE-5000)

_____ (print name) _____ (signature)

Water Resources (925-960-8100) fax number (925-960-8105)

*Water Service: _____ (print name) _____ (signature)

Meter Size(s): _____ Serial Number(s): _____

Sewer Services: _____ (print name) _____ (signature)

***California Water Service (925-447-4900):**

_____ (print name) _____ (signature)

Meter Size(s): _____ Serial Number(s): _____

***Water service is provided either by the City of Livermore or California Water Service Co. Only the signature of actual water service provider is needed.**

Bay Area Air Quality Management District (415-771-6000) or BAAQMD.gov:

Please indicate project “Job Number”: _____

All of the above work is to be performed in accordance with Title 15 & 16 of the City Municipal Code & Bay Area Air Quality Management District.

(Signature of Applicant)

(Date)

(Building Official – Approval)

(Date)

PCBs Screening Assessment Form

For Municipality Use Only	
Date Received	
File #	

This screening process is part of a program for water quality protection and was designed in accordance with requirements in the Bay Area regional municipal stormwater NPDES permit (referred to as the Municipal Regional Permit). This process **does not** address other environmental programs or regulations (e.g., PCBs regulations under the Toxic Substances Control Act (TSCA); federal, state, or local regulations for hazardous material handling and hazardous waste disposal; health and safety practices to mitigate human exposure to PCBs or other hazardous materials; recycling mandates; or abatement at sites with PCBs or other contaminants). **The applicant is responsible for knowing and complying with all relevant laws and regulations. See Notices to Applicants section in the Applicant Instructions and at the end of this form.**

Complete all applicable parts of the PCBs Screening Assessment Form and submit with your demolition permit application.

For more information and instructions for this form see

<http://www.cityoflivermore.net/civicax/filebank/blobdload.aspx?t=65255.06&BlobID=19596>

Part 1. Owner/Consultant and project information		
Owner Information		
Name		
Address		
City	State	Zip
Contact (Agent)		
Phone	Email	
Consultant Information		
Firm Name		
Address		
City	State	Zip
Contact Person		
Phone	Email	
Project Location		
Address		
City	State CA	Zip
APN (s)		
Year Building was Built	Type of Construction	Select
Estimated Demolition Date		

Part 2. Is building subject to the PCBs screening requirement based on type, use, and age of the building?

2.a Is the building to be demolished wood framed and/or single family residential? Yes No

If the answer to question 2.a is **Yes**, the PCBs Screening Assessment is complete, skip to Part 4. If the answer is **No**, continue to Question 2.b.

2.b Was the building to be demolished constructed or remodeled between January 1, 1950 and December 31, 1980? Yes No

➤ If the answer to Question 2.b is **No** the PCBs Screening Assessment is complete, skip to Part 4. If the answer is **Yes**, continue to Question 2.c.

2.c Is the proposed demolition a complete demolition of the building? Yes No

➤ If the answer to Question 2.c is **No** the PCBs Screening Assessment is complete, skip to Part 4. If the answer is **Yes**, complete Part 3.

All applications affecting applicable structures and demolitions must complete Part 3 and the Part 3 Tables.

Part 3. Report concentrations of PCBs in priority building materials

Option 1. Applicants conducted representative sampling and analysis of the priority building materials per the **Option 2.** Applicants possess existing sample results that are that are consistent with the Protocol for Evaluating Priority PCBs-Containing Materials before Building Demolition (2018) (Attachment C).

3.a Select option and report PCBs concentrations in the priority building materials and the source of data for each of the priority building materials. Provide the required supporting information

- Option 1 Conduct Representative Sampling
- Summarize results on Part 3 Tables; and
 - Provide the following supporting information:
 - Contractor's report documenting the assessment results;
 - QA/QC checklist (Section 3.2.4 of [Protocol for Evaluating Priority PCBs](#)); and
 - Copies of the analytical data reports.

- Option 2 Use Existing Sampling Records
- Summarize results on Part 3 Tables; and
 - Provide the following supporting information:
 - Contractor's report/statement that the results are consistent with the Protocol for Evaluating Priority PCBs-Containing Materials before Building Demolition.
 - Copies of the analytical data reports.

All Applicants must complete Part 4.

Part 4. Certification

I certify that the information provided in this form is, to the best of my knowledge and belief, true, accurate, and complete. I further certify that I understand my responsibility for knowing and complying with all relevant laws and regulations related to reporting, abating, and handling and disposing of PCBs materials and wastes. I understand there are significant penalties for submitting false information. I will retain a copy of this form and the supporting documentation for at least 5 years.

Signature: _____ Date: _____
(Property Owner//Agent/Legal Representative)

Print/Type: _____
(Property Owner/Agent/Legal Representative Name)

Signature: _____ Date: _____
(Consultant Completing Application Form)

Print/Type: _____
(Consultant Completing Application Form)

Notices to Applicants Regarding Federal and State PCBs Regulations

Applicants that determine PCBs exist in building materials must follow applicable federal and state laws. This may include reporting to U.S. Environmental Protection Agency (USEPA), the San Francisco Bay Regional Water Quality Control Board, and the California Department of Toxic Substances Control (DTSC). These agencies may require additional sampling and abatement of PCBs. Depending on the approach for sampling and removing building materials containing PCBs, you may need to notify or seek advance approval from USEPA before building demolition. Even in circumstances where advance notification to or approval from USEPA is not required before the demolition activity, the disposal of PCBs waste is regulated under TSCA and the California Code of Regulations. (See Note 1)

Note 1 - Federal and State Regulations

Building materials containing PCBs at or above 50 ppm that were manufactured with PCBs (e.g., caulk, joint sealants, paint) fall under the category of PCBs bulk product wastes. See 40 Code of Federal Regulations (CFR) 761.3 for a definition of PCBs bulk product wastes.

Building materials such as concrete, brick, metal contaminated with PCBs are PCBs remediation wastes (e.g., concrete contaminated with PCBs from caulk that contains PCBs). 40 CFR 761.3 defines PCBs remediation wastes.

Disposal of PCBs wastes are subject to TSCA requirements such as manifesting of the waste for transportation and disposal. See 40 CFR 761 and 40 CFR 761, Subpart K.

TSCA-regulated does not equate solely to materials containing PCBs at or above 50 ppm. There are circumstances in which materials containing PCBs below 50 ppm are subject to regulation under TSCA. See 40 CFR 761.61(a)(5)(i)(B)(2)(ii).

Disposal of PCBs wastes are subject to California Code of Regulations (CCR) Title 22, Section Division 4.5, Chapter 12, Standards Applicable to Hazardous Waste Generators.

California hazardous waste regulatory levels for PCBs are 5 ppm based on the Soluble Threshold Limit Concentration test and 50 ppm based on the Total Threshold Limit Concentration test, see CCR, Title 22, Section 66261.24, Table III.

Agency	Contact	Useful Links
US Environmental Protection Agency	Steve Armann (415) 972-3352 armann.steve@epa.gov	https://www.epa.gov/pcbs (EPA PCBs website) https://www.epa.gov/pcbs/questions-and-answers-about-polychlorinated-biphenyls-pcbs-building-materials (PCBs in Building Materials Fact Sheet and Q/A Document) https://www.epa.gov/pcbs/pcb-facility-approval-streamlining-toolbox-fast-streamlining-cleanup-approval-process (USEPA PCB Facility Approval Streamlining Toolbox (PCB FAST)) https://www.epa.gov/pcbs/polychlorinated-biphenyls-pcbs-building-materials#Test-Methods (See Information for Contractors Working in Older Buildings that May Contain PCBs)
San Francisco Bay Regional Water Quality Control Board	Jan O'Hara (510) 622-5681 Janet.O'Hara@waterboards.ca.gov Cheryl Prowell (510) 622-2408 Cheryl.Prowell@waterboards.ca.gov v	https://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/TMDLs/sfbaypcbstmdl.shtml https://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/sitecleanupprogram.html
Department of Toxic Substances Control	Regulatory Assistance Office 1-800-72TOXIC RAO@dtsc.ca.gov	http://www.dtsc.ca.gov/SiteCleanup/Brownfields/upload/PUB_SMP_Guide-to-Selecting-a-Consultant.pdf
California Division of Occupational Safety and Health (Cal/OSHA)	CalOSHA Consultations Services 1-800-963-9424	https://www.dir.ca.gov/dosh/consultation.html

Part 3 Caulk Applications Table

Column 1. Report all PCBs concentrations for each homogenous area of caulking area (see Attachment C, Section 3.2.2). Use sample designators/descriptions from laboratory report.

Column 2. Complete for each concentration ≥ 50 ppm

<u>Caulk Application Sample Description</u>	<u>Concentration (mg/kg)</u>	<u>Estimate Amount of Material</u>	<u>Units</u>
<i>Example: Caulk Sample 1</i>	320	48	Linear Feet
1. _____	_____	_____	Linear Feet
2. _____	_____	_____	Linear Feet
3. _____	_____	_____	Linear Feet
4. _____	_____	_____	Linear Feet
5. _____	_____	_____	Linear Feet
6. _____	_____	_____	Linear Feet
7. _____	_____	_____	Linear Feet
8. _____	_____	_____	Linear Feet
9. _____	_____	_____	Linear Feet
10. _____	_____	_____	Linear Feet

Duplicate page if additional space is needed.

Part 3 Fiberglass Insulation Applications Table

Column 1. Report all PCBs concentrations for each homogenous area of fiberglass insulation (see Attachment C, Section 3.2.2). Use sample designators/descriptions from laboratory report.

Column 2. Complete for each concentration ≥ 50 mg/kg

<u>Fiberglass Insulation Application Sample Description</u>	<u>Concentration (mg/kg)</u>	<u>Estimate Amount of Material</u>	<u>Units</u>
<i>Example:</i> Fiberglass Insulation Sample 1	78	86	Square Feet
1. _____	_____	_____	Square Feet
2. _____	_____	_____	Square Feet
3. _____	_____	_____	Square Feet
4. _____	_____	_____	Square Feet
5. _____	_____	_____	Square Feet
6. _____	_____	_____	Square Feet
7. _____	_____	_____	Square Feet
8. _____	_____	_____	Square Feet
9. _____	_____	_____	Square Feet
10. _____	_____	_____	Square Feet

The area of insulation wrapped around a pipe may be estimated using the following formula:
 Area (square feet) = $2\pi rh$; where r is the pipe radius (feet) and h is the pipe length (feet).

Duplicate page if additional space is needed.

Part 3 Thermal Insulation Applications Table

Column 1. Report all PCBs concentrations for each homogenous area of thermal insulation (see Attachment C, Section 3.2.2). Use sample designators/descriptions from laboratory report.

Column 2. Complete for each concentration ≥ 50 mg/kg

<u>Thermal Insulation Application Sample Description</u>	<u>Concentration (mg/kg)</u>	<u>Estimate Amount of Material</u>	<u>Units</u>
<i>Example:</i>			
<i>Thermal Insulation Sample 1</i>	20	_____ Square Feet	1.
_____	_____	_____ Square Feet	2.
_____	_____	_____ Square Feet	3.
_____	_____	_____ Square Feet	4.
_____	_____	_____ Square Feet	5.
_____	_____	_____ Square Feet	6.
_____	_____	_____ Square Feet	7.
Linear Feet 8. _____	_____	_____ Square	
Feet 9. _____	_____	_____ Square Feet	
10. Square Feet			

The area of of insulation wrapped around a pipe may be estimated using the following formula:
 Area (square feet) = $2\pi rh$, where r is the pipe radius (feet) and h is the pipe length (feet).

Duplicate page if additional space is needed.

Part 3 Adhesive Mastic Applications Table

Column 1. Report PCBs concentrations for each homogenous area of mastic (see Attachment C, Section 3.2.2. Use sample designators/descriptions from laboratory report.)

Column 2. Complete for each concentration ≥ 50 mg/kg

<u>Adhesive Mastic Application Sample Description</u>	<u>Concentration (mg/kg)</u>	<u>Estimate Amount of Material</u>	<u>Units</u>
<i>Example:</i> Adhesive Mastic Sample 1	87.4	800	Square Feet
1. _____	_____	_____	Square Feet
2. _____	_____	_____	Square Feet
3. _____	_____	_____	Square Feet
4. _____	_____	_____	Square Feet
5. _____	_____	_____	Square Feet
6. _____	_____	_____	Square Feet
7. _____	_____	_____	Linear Feet
8. _____	_____	_____	Square Feet
9. _____	_____	_____	Square Feet
10. _____	_____	_____	Square Feet

Duplicate page if additional space is needed.

Part 3 Rubber Window Gasket Applications Table

Column 1. Report PCBs concentrations for each gasket (see Attachment C, Section 3.2.2). Use sample designators/descriptions from laboratory report.

Column 2. Complete for each concentration ≥ 50 mg/kg

<u>Rubber Window Gasket Application Sample Description</u>	<u>Concentration (mg/kg)</u>	<u>Estimate Amount of Material</u>	<u>Units</u>
<i>Example:</i> Window Gasket Sample 1	70	75	Linear Feet
1. _____	_____	_____	Linear Feet
2. _____	_____	_____	Linear Feet
3. _____	_____	_____	Linear Feet
4. _____	_____	_____	Linear Feet
5. _____	_____	_____	Linear Feet
6. _____	_____	_____	Linear Feet
7. _____	_____	_____	Linear Feet
8. _____	_____	_____	Linear Feet
9. _____	_____	_____	Linear Feet
10. _____	_____	_____	Linear Feet

Duplicate page if additional space is needed.

Part 3 Other Materials Table

Column 1. Optional: Use this form to report PCBs concentration data from materials other than priority building materials. Report PCBs concentrations for each material and homogeneous area. Use sample designators/descriptions from laboratory report.

Column 2. Complete for each concentration ≥ 50 mg/kg

<u>Material Sample Description</u>	<u>Concentration (mg/kg)</u>	<u>Estimate Amount of Material</u>	<u>Units</u>
<i>Example:</i> Wall paint Sample 1	228	1500	Square Feet
1. _____	_____		
2. _____	_____		
3. _____	_____		
4. _____	_____		
5. _____	_____		
6. _____	_____		
7. _____	_____		
8. _____	_____		
9. _____	_____		
10. _____	_____	_____	_____

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Construction Waste Management (CWM) Plan

Project Name: _____
Job#: _____
Project Manager: _____
Contact Name: _____

All Subcontractors shall comply with the project's Construction Waste Management Plan.
All Subcontractor foremen shall sign the CWM Plan Acknowledgment Sheet.

Subcontractors who fail to comply with the Waste Management Plan will be subject to back charges or withholding of payment, as deemed appropriate. For instance, Subcontractors who contaminate debris boxes that have been designated for a single material type will be subject to back charge or withheld payment, as deemed appropriate.

1. The project's overall rate of waste diversion will be ____%.
2. This project shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials and reusing materials whenever possible. The majority of the waste that is generated on this job site will be diverted from the landfill and recycled for other use.
3. Spreadsheet 1, enclosed, identifies the waste materials that will be generated on this project, the diversion strategy for each waste type and the anticipated diversion rate.
4. Waste prevention and recycling activities will be discussed at the beginning of weekly subcontractor meetings. As each new subcontractor comes on-site, the WMP Coordinator will present them with a copy of the CWM Plan and provide a tour of the jobsite to identify materials to be salvaged and the procedures for handling jobsite debris. All Subcontractor foremen will acknowledge in writing that they have read and will abide by the CWM Plan. Subcontractor Acknowledgment Sheet enclosed. The CWM Plan will be posted at the job site trailer.
5. Salvage: Excess materials that cannot be used in the project, nor returned to the vendor, will be offered to site workers, the owner, or donated to charity if feasible.
6. _____ will provide a commingled drop box at the job site for most of the construction waste. These commingled drop boxes will be taken to [Sorting Facility Name and Location]. The average diversion rate for commingled waste will be ____%. As site conditions permit, additional drop boxes will be used for particular phases of construction (e.g., concrete and wood waste) to ensure the highest waste diversion rate possible.
7. In the event that the waste diversion rate achievable via the strategy described in (6) above, is projected to be lower than what is required, then a strategy of source-separated waste diversion and/or waste stream reduction will be implemented. Source separated waste refers to jobsite waste that is not commingled but is instead allocated to a debris box designated for a single material type, such as clean wood or metal. Waste stream reduction refers to efforts to reduce the amount of waste generated by the project to below four (4) pounds per square foot of building area.
8. _____ will track and calculate the quantity (in tons) of all waste leaving the project and calculate the waste diversion rate for the project. _____ will provide Project Manager with an updated monthly report on gross weight hauled and the waste diversion rate being achieved on the project. _____ monthly report will track separately the gross weights and diversion rates for commingled debris and for each source-separated waste stream leaving the project. In the event that _____ does not service any or all of the debris boxes on the project, the _____ will work with the responsible parties to track the material type and weight (in tons) in such debris boxes in order to determine waste diversion rates for these materials.

9. In the event that Subcontractors furnish their own debris boxes as part of their scope of work, such Subcontractors shall not be excluded from complying with the CWM Plan and will provide _____ weight and waste diversion data for their debris boxes.
10. In the event that site use constraints (such as limited space) restrict the number of debris boxes that can be used for collection of designated waste the project Superintendent will, as deemed appropriate, allocate specific areas onsite where individual material types are to be consolidated. These collection points are not to be contaminated with non-designated waste types.
11. Debris from jobsite office and meeting rooms will be collected by _____. _____ will, at a minimum, recycle office paper, plastic, metal, and cardboard.



Construction Waste Management (CWM) Worksheet

Project Name: _____

Job Number: _____

Project Manager: _____

Waste Hauling Company: _____

WASTE MATERIAL TYPE	DIVERSION METHOD		PROJECTED DIVERSION RATE
	COMMINGLED & SORTED OF SITE	SOURCE SEPARATED ONSITE	
Asphalt			
Concrete			
Shotcrete			
Metals			
Wood			
Rigid insulation			
Fiberglass insulation			
Acoustic ceiling tile			
Gypsum drywall			
Carpet/carpet pad			
Plastic pipe			
Plastic buckets			
Plastic			
Hardiplank siding and boards			
Glass			
Cardboard			
Pallets			
Job office trash, paper, glass & plastic bottles, cans, plastic			
Alkaline and rechargeable batteries, toner cartridges, and electronic devices			
Other:			

City Hall
Permit Center

Community Development Department
1052 South Livermore Avenue
Livermore, CA 94550 TDD:

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