



Water Resources Program
Application for a Water Right Permit

For Ecology Use
 (Date Stamp)

RECEIVED

NOV 20 2014

Department of Ecology
 Eastern Regional Office

Follow the attached instructions. Attach additional sheets as necessary.

- GROUND WATER SURFACE WATER
- PERMANENT SHORT TERM TEMPORARY
- DROUGHT

***A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

Section 1. APPLICANT

| | | |
|--|---------------------------|---------------------------|
| Applicant/Business Name: CPM Development Corporation | Phone No: 509-546-8096 | Other No: 509-727-8571 |
| Address: 11919 Harris Road | | |
| City: Pasco | State: WA | Zip: 99301 |
| Email Address (optional): tholt@oldcastlematerials.com | | |

| | | |
|---|---------------------------|------------|
| Contact Name (if different from above): Gene St.Godard, WNR Group | Phone No: 509-953-9395 | Other No: |
| Relationship to Applicant: water resource consultant | | |
| Address: PO Box 28755 | | |
| City: Spokane | State: WA | Zip: 99228 |
| Email Address (optional): stgod@comcast.net | | |

| | | |
|---|-----------|-----------------|
| Legal Land Owner or Part Owner Name of the Proposed Place of Use: CPM Development Corporation (same as above), Dale Adams/Northridge Associates | Phone No: | Other No: |
| Address: 907 Eagle Ridge Drive | | |
| City: Danville | State: CA | Zip: 94506-5870 |
| Email Address (optional): | | |

Signatures are required. See page 7.

| | | |
|---------------------|---|--|
| For Ecology Use | APPLICATION NO: <u>G3-30729</u> | SEPA: <input checked="" type="radio"/> Exempt <input type="radio"/> Not Exempt |
| | Fee Paid: <input checked="" type="checkbox"/> Check No: _____ | ECY Coding: 001-001-WR1-0285-000011 |
| Date Returned _____ | By <u>KT</u> | Priority Date <u>11-20-2014</u> By <u>KT</u> WRIA: <u>36</u> |

Section 2. STATEMENT OF INTENT

Do you own the land on which the proposed point of diversion/withdrawal is located? YES NO
 If no, do you have legal authority to make this application for use of another's land? YES NO
 Land used for gravel mining is under lease agreement.

6360083

Briefly describe the purpose of your proposed project:

Existing gravel and concrete batching facility. Existing certificate No. 6033 allows for gravel Washington. Application is being submitted for consumptive use for gravel pit operations: such as concrete batching, asphalt production, concrete operations (dust control, irrigation, etc.), and commercial & domestic indoor use.

Anticipated length of time to complete your project: existing

Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

| Purpose(s) of Use | Rate (check one box only) | | Acre-Feet per Year (AF/YR) (If known) | Period of Use (Continuously or Seasonal) |
|------------------------------|--|--|---------------------------------------|--|
| | <input type="checkbox"/> Cubic Feet per Second (CFS) | <input checked="" type="checkbox"/> Gallons per Minute (GPM) | | |
| Domestic Commercial in-house | 30 | | 2 | Continuous |
| Concrete Batching | 150 | | 20 | Continuous |
| Gravel Pit Operations | 200 | | 28 | Continuous |
| Asphalt production | 70 | | 10 | Continuous |
| TOTAL: | 450 | | 60 | |

Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? YES NO

Is this request for a temporary permit? YES NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: / / TO: / /

Section 3. POINT OF DIVERSION OR WITHDRAWAL
(Complete A or B, and C below)

| A.) If Surface Water Source | B.) If Ground Water Source |
|--|--|
| <input type="checkbox"/> Spring <input type="checkbox"/> Creek <input type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____ Source Name: _____ Tributary to: _____ Number of proposed diversion points: _____ Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> Well(s) <input type="checkbox"/> Other: <u>Two groundwater wells and one withdrawal from pit (see attachment), in addition to the existing surface water diversion from the Columbia River</u> _____ Well diameter & depth: <u>see attachment</u> Number of proposed points of withdrawal: <u>3 + existing SW diversion</u> Do you have an existing well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If available, attach Water Well Report and pump test. Well Tag ID No. <u>No tags</u> |

TABLE 1: WATER WIRHDRAWAL/DIVERSION LOCATIONS - CPM PASCO

| Well Name | Ecology Well ID | Legal | Latitude | Longitude | Parcel No. | Well Dia. | Well Depth |
|--------------------|-----------------|------------------------|-----------|-------------|------------|-----------|------------|
| Wash Rack Well | No tag | SW-SE Sec 12 T9N, R28E | N46.27546 | W-119.25020 | 126160118 | 6-in | 50 (?) |
| Batch Plant Well | No tag | SW-SE Sec 12 T9N, R28E | N46.27184 | W-119.25175 | 126160118 | 10-IN | 25 (?) |
| Crusher Water Pump | ---- | SE-SE Sec 12 T9N, R28E | N46.27207 | W-119.24289 | 126160109 | pit | appx 40 |

| | | | | | | | |
|-----------------------|----|---------------------------|-----------|-------------|-----------|----|----|
| Col. River Surface | #1 | SE-SE Sec 12 T9N, R28E | N46.27114 | W-119.25383 | 126160118 | SW | SW |
|-----------------------|----|---------------------------|-----------|-------------|-----------|----|----|

C.) Point of Diversion/Withdrawal – Legal Description (See Table 1)

| | | | | | | |
|------------|----------|---|-------------|----------|-------|--------|
| Parcel No. | ¼ | ¼ | Section | Township | Range | County |
| | | | | | | |
| Lot(s) | Block(s) | | Subdivision | | | |
| | | | | | | |

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:
 ___ Feet (North/ South) and ___ feet (East/ West)
 from the (NW SW NE SE ___) corner of Section___.

| | | | | | | |
|------------|----------|---|-------------|----------|-------|--------|
| Parcel No. | ¼ | ¼ | Section | Township | Range | County |
| | | | | | | |
| Lot(s) | Block(s) | | Subdivision | | | |
| | | | | | | |

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:
 ___ feet (North/ South) and ___ feet (East/ West)
 from the (NW SW NE SE ___) corner of Section___.

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

| | | | | | | |
|--|----|---------|------|-------|----------|-------------------------|
| Map is attached for proposed place of use, which is the area of the existing gravel operations. | | | | | | |
| SE1/4 Section 12, Township 9 N., Range 28 E.W.M., W1/2 Section 7, Township 9 N., Range 29 E.W.M. | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| ¼ | ¼ | Section | Twp. | Range | County | Parcel No. |
| | SE | 12 | 9N | 28E | Franklin | 126160118, 126160109, & |
| | W | 7 | 9N | 29E | | 115210022 |

Do you own all the lands on which the proposed place of use is located? YES X NO.

If no, do you have legal authority to make this application for use of another's land? X YES NO
 Provide owner name(s), address, and phone number:

See attached lease agreement documents

Are there any other water rights or claims associated with this property or water system? X YES NO

If yes, provide the water right and/or claim numbers:

Surface Water Certificate No. 6033 (S3-*13026C)

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source):

Batch Plant well: One well with berkley pump. Water withdrawn from well and used to spray gravel piles; and supplies water to the batch plant.

Wash Rack Well: water is withdrawn from well and supplies water to wash racks, office building, and plant.

Crusher water pump: 50 hp pump which withdraws water from gravel pit and feed the batch plant and wash plant.

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

| A.) Domestic Water Systems only | B.) Municipal Water Systems only <i>(defined under RCW 90.03.015)</i> |
|---|--|
| Projected number of connections to be served: N/A _____ | Present population to be served water: N/A _____ |
| Type of connections: _____ <i>(e.g., home, recreational cabin)</i> | Estimate future population to be served: _____ (20 year projection) |
| C.) Water System Planning | |
| <p>Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If yes, date plan was approved ___/___/___ Water System Number: _____</p> <p>Name of water system: _____</p> <p>Are you within the service area of an existing water system? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If yes, explain why you are unable to connect to the system:</p> <p>_____</p> <p>_____</p> | |

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = _____ ACRES

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

List number and kind of stock:

N/A _____

Is the proposed project for a dairy farm? YES NO

Other Proposed Farm Uses

Describe all proposed uses:

Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? YES NO

Do you have a controlling interest in a Family Farm Development Permit? YES NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head _____ and proposed capacity in kilowatts: _____

Describe works:

Indicate all uses to which power is to be applied: _____

FERC License No: _____

Mining/Industrial Use

Describe use, method of supplying and utilizing water:

The site is currently an active gravel mining and concrete batching facility. Water is used for indoor use (domestic), Washington gravel (under existing certificate), concrete batching, and other miscellaneous gravel operations (dust control, irrigation, cooling of rock piles, etc.)

Other Use

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? YES X NO

Are you proposing to store more than 10 acre-feet of water? YES X NO

Will the water depth be 10 feet or more? YES X NO

If you answered yes to any of the above questions, please describe:

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.

Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site:

From intersection of Highway 395 and Highway 12, head west on Highway 12 approximately 8 miles and take the Broadmoor Blvd Exit (Exit 7). Travel 0.3 miles and turn right onto Broadmoor Blvd. Take first left onto Harris Road and travel approximately 1.6 miles to site (11919 Harris Rd) on right.

Site Address:

Central Premix Concrete Company, 11919 Harris Rd, Pasco, WA 99301

Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

Craig Mayfield
 Print Name
 (Applicant or authorized representative)

CRAIG MAYFIELD
 Signature

11/6/14
 Date

CRAIG MAYFIELD
 Print Name
 (Legal Owner or Part Owner Place of Use)

Craig Mayfield
 Signature

11/6/14
 Date

DALE ADAMS
 Print Name
 (Legal Owner or Part Owner Place of Use)

Dale Adams
 Signature

11-30-14
 Date

Please check the region in which the project is

located:

| | | |
|--|---|---|
| <p>*Submit your application to:</p> <p>DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611</p> | <input type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490 | <input checked="" type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400 |
| | <input type="checkbox"/> Northwest Regional Office 3190 – 160 th Avenue SE Bellevue, WA 98008-5452 (425) 649-7000 | <input type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300 |

If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.





1 inch = 400 feet
 0 170 340 680 1,020 1,360 Feet

1 in = 0 miles
 0 0.03 0.06 0.12 Miles

Date: 12/19/2013



Figure 1: Aerial Photograph of CPM Pasco Site showing existing point of diversion within Columbia River and the three proposed additional points of diversion (Wash Rack Well, Batch Plant Well, and Crusher Water Pump). Parcel numbers also shown.

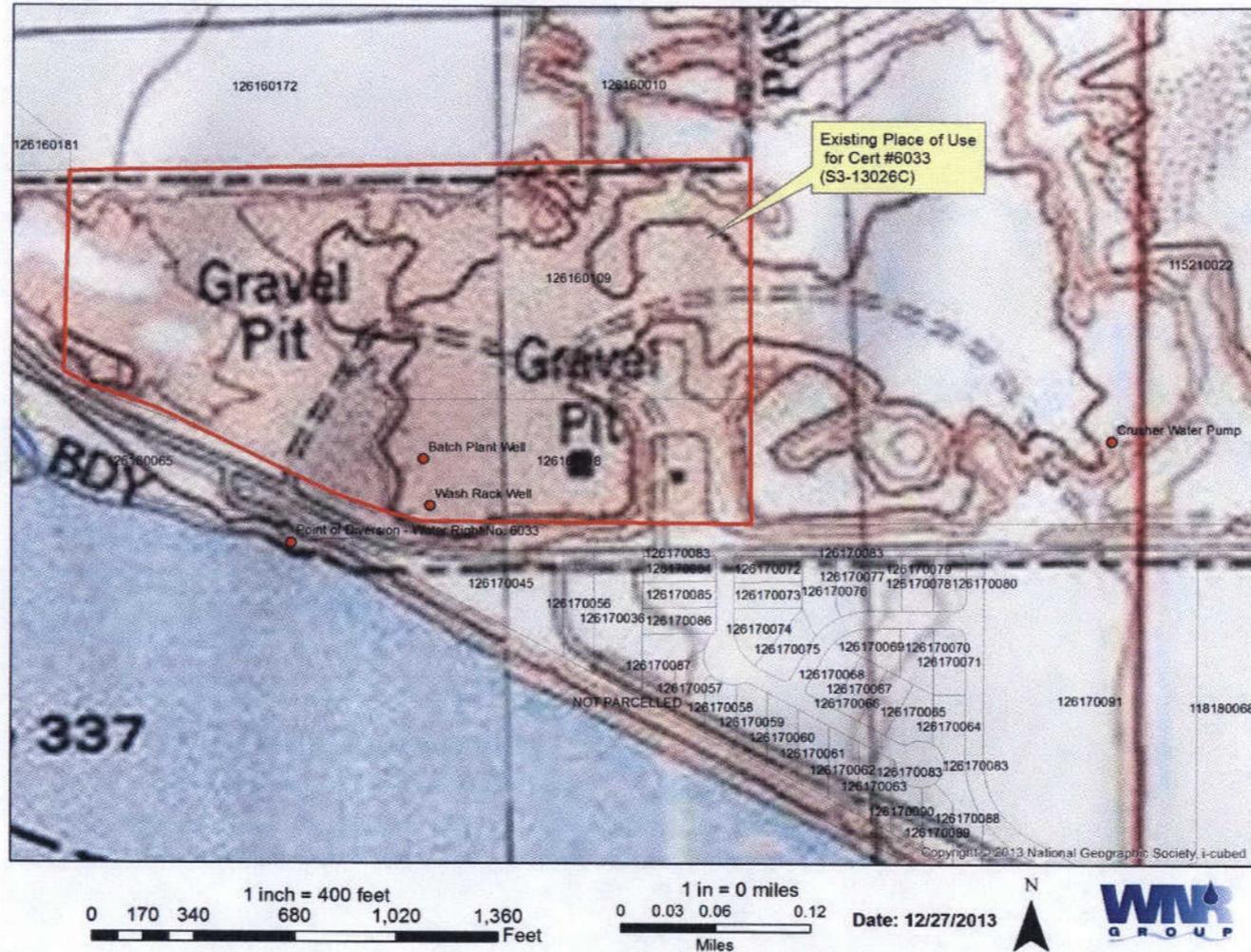


Figure 2: Topographic map of CPM Pasco Site showing existing and proposed point of withdrawals, existing place of use for Cert. No. 6033 (current certificate only allows for use on parcel No. 126160118), and parcel numbers. Topographic relief across site is less than 60 feet and less than 20 feet from the existing to proposed points of diversion.



Figure 3: Proposed Place of Use for New Water Right (outline in red).

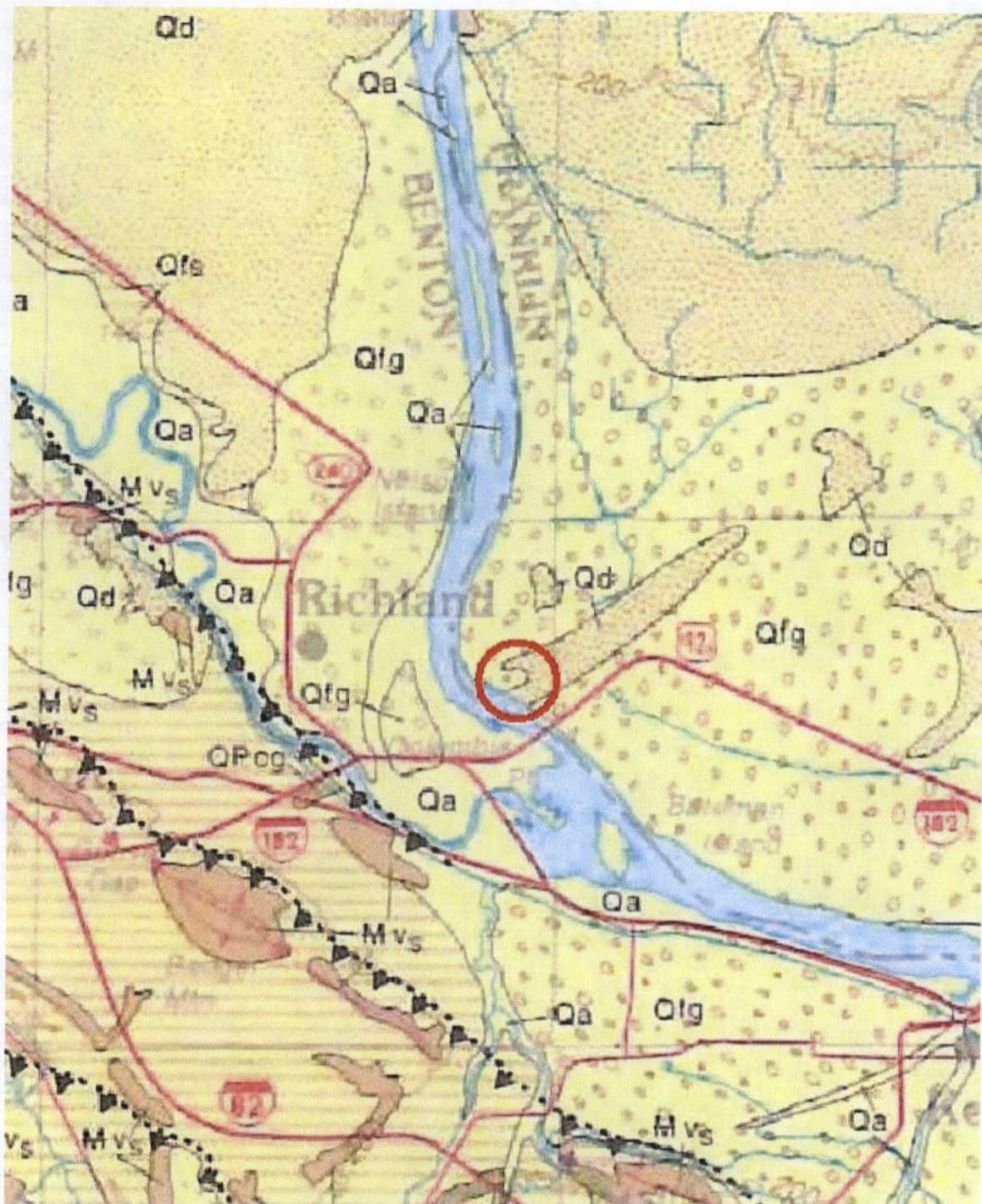


Figure 4: Geologic Map of the Pasco, WA area. CPM Site is circled. Site is underlain by Quaternary flood gravels - Qfg; and eolian sands and silts (dune deposits) - Qd.

UNCONSOLIDATED SEDIMENTS

Quaternary Sediments

Nonglacial Deposits

- Qd** **Dune sand**—Eolian medium to fine sand and silt; composed of quartz, basalt, and/or feldspar grains; volcanic ash, commonly Mazama tephra, present locally; includes both active and stabilized dunes.
- Qla** **Lacustrine and fluvial deposits**—Clay, silt, and sand in interior drainage basins.
- Qa** **Alluvium**—Clay, silt, sand, and gravel deposited in streambeds and fans; varied thickness and sorting; includes terrace and organic deposits in places; commonly includes reworked loess, outburst flood deposits (units Q_{la}, Q_{lg}), Mazama tephra, Ellensburg Formation (units Mc, Me_g) and Ringold Formation (units RMc, RM_{cg}) sediments, and rounded to angular basalt clasts; older streambed deposits capped by pedogenic carbonates (stages I to IV of Machette, 1985) or silcrete; fan deposits in places overlain by and interstratified with loess and slopewash, little or no caliche development in fan deposits, fans generally cone-shaped with surface only moderately dissected; streambed deposits along rivers whose courses extend beyond the area covered by the Columbia River Basalt Group include pebbles and cobbles of quartzitic, granitic, metamorphic, and volcanoclastic rocks, normal to reversed magnetic polarity (Baier and others, 1991, p. 233).
- Ql** **Mass-wasting deposits**—Landslide and talus deposits composed of clay, silt, sand, and rounded to angular gravel to boulder-size clasts; landslide surfaces commonly hummocky and, in some areas, blanketed with loess; landslide deposits chaotic, unstratified, and poorly sorted, clasts in talus primarily basaltic in composition; talus deposits on older, inactive slopes commonly cemented with pedogenic carbonates; includes colluvium in places.
- Qoa** **Older alluvium**—Semi-consolidated sand and gravel deposited in fans, clasts primarily basalt cemented by iron-stained clay; surface commonly dissected and capped by a well-developed caliche layer.
- Qt** **Terraced deposits**—Alluvial deposits of silt, sand, and gravel; locally includes lacustrine, paludal, and eolian deposits; clasts of diverse compositions and slightly to moderately weathered, poorly indurated, occurs above modern flood plains.
- Qlb** **Bonneville flood deposits**—Gravel and sandy gravel, basalt clasts more abundant than clasts of granitic rocks and greenschist-facies volcanoclastic rocks; contains tephra clasts of pebble and cobble size and interbedded silt lenses; poorly sorted; moderately bedded, deposited as a result of rapid draining of Lake Bonneville, forms benches along the main stem of the Snake River, commonly in the mouths of tributary canyons, underlies Missoula flood deposits (unit Q_{ls}).

Periglacial Deposits

- Ql** **Loess**—Eolian silt and fine sand; locally includes clay, multiple caliche (pedogenic carbonate, petrocalcic) horizons (stages I to IV of Machette, 1985), paleosols, tephra beds, silcrete, and cambic horizons; predominantly composed of angular quartz grains with lesser amounts of feldspar, mica, and hornblende; in its upper parts the loess displays weakly developed soil profiles and lacks petrocalcic horizons; pale orange, gray-tan, light-brown, tan, yellowish brown, brown, buff, or reddish yellow, massive, typical geomorphic expression is a complex of dunes, dune formation by southwesterly winds is indicated by long, gentle southwest sides and steep northeast sides, by strong northeast alignment of dune long axes, and by uniformly decreasing grain size to the northeast; thickness as much as 75 m near St. John (Rosalia 1:100,000 quadrangle) and Wilcox (Pullman 1:100,000 quadrangle) (Ringe, 1970). Q_l/Q_{ls} contact placed arbitrarily at about 900 ft (274 m) elevation in the central and south-central parts of the Walla Walla 1:100,000 quadrangle.
- Includes the Palouse Formation*
- Qls** **Outburst flood deposits, silt and sand**—Lacustrine silt and fine sand and fluvial fine to coarse sand, predominantly quartz and feldspar, with basalt grains in coarser sections; discrete tephra layers common, locally contains clastic dikes; stringers of coarse sand and gravel, small-scale cross-bedding, ice-rafted diamicton, and ice-melt structures present locally; locally contains interbedded alluvium, colluvium, and pedogenic horizons; rhythmically bedded; sand-dominated facies typically planar laminated and includes sporadic channel fill sequences; silt-dominated facies planar laminated and ripple cross laminated, commonly displaying normal graded rhythmites, deposited by relatively low energy slack waters of outburst floods from glacial Lake Missoula and other ice-margin lakes; maximum thickness is more than 20 m in the south-central part of the Priest Rapids 1:100,000 quadrangle on a glacial outburst flood bar; unit is widely distributed in the western part of the map area, particularly in coulees and major river courses at elevations below 1,200 ft (366 m); generally not extensive above about 900 ft (274 m); Q_{ls}/Q_{ls} contact placed arbitrarily at about 900 ft (274 m) elevation in the central and south-central parts of the Walla Walla 1:100,000 quadrangle.
- Includes flood deposits of glacial Lake Missoula (Bretz and others, 1956; Baker and Bunker, 1985), Touchet Beds, and part of the Hanford formation (Carson and others, 1987).*
- Qls** **Outburst flood deposits, gravel**—Fluvial gravel; in sidestream facies clasts dominantly basalt with subordinate Ringold Formation sediments and caliche (Grolier and Bingham, 1971), in mainstream facies also contains clasts of granite, quartzite, diorite, volcanic porphyries, and metamorphic rocks; mainstream facies mostly distributed along the present and (or) former courses of the Columbia, Snake, and Yakima Rivers; locally includes poorly laminated and massive silt and sand and tephra layers; deposited by outburst floods from glacial Lake Missoula and other ice-margin lakes; grain size ranges from sand to boulders, size generally decreasing away from major scabland outburst flood channels; clasts rounded to angular; poorly sorted; generally matrix-poor, and matrix, where present, composed of basalt, quartz, and feldspar sand to granule grains; displays numerous bedding forms including massive, foreset, large-scale cross-bedded and plane-bedded channel and bar deposits, generally less than 15 m thick, unit is widespread along coulees and major river courses, locally overlain by loess.
- Includes Pasco gravels (Carson and others, 1987; Myers, Price, and others, 1979) and part of the Hanford formation (Carson and others, 1987).*

PARCEL OWNERSHIP

Parcel#: 126160118 Owner Name: CENTRAL PRE-MIX
CONCRETE
DOR Code: 32 - Commercial - Stone, Clay & Glass Address1:
Situs: 11919 HARRIS RD, PASCO 99301 Address2: PO BOX 3366
Map Number: 092820-00-000000-000-0000 City, State: SPOKANE WA
Status: Zip: 99220-3366
Description: E 1225' OF THE S 480' OF SE4SE4 12-9-28 OF FOL DESC PARCEL: ALL TH PTN
GOVT LOT 5 LY NELY OF SLY R/W LN OF CO RD

Parcel#: 115210022 Owner Name: ADAMS, DALE C
DOR Code: 81 - Resource - Agriculture Address1:
Situs: 10800 HARRIS RD, PASCO 99301 Address2: 907 EAGLE RIDGE
Map Number: 092907-00-000000-000-0000 City, State: DANVILLE CA
Status: Zip: 94506-5870
Description: ALL FR 7-9-29 LESS EASEMENT & EXC PTN TO ST OF WA FOR SR I-82 (PARC
EL 5-04295) EXC TH PTN SE 7-9-29 LY SLY OF ST HWY 1-182 EXC E748.97'
THEREOF AND TH PTN S30' OF SE 7-9-29 LY ELY CTRLN FR COUNTY IRR
DIST CANAL R/W LESS TRACT 1 OF RS #1728137 AND EXC PTN FOR DENT
(1725816)
Comment: BOOSTER PUMP ON THIS PROPERTY IS OWNED BY THE CITY OF PASCO
AND THEREFORE EXEMPT FROM PROPERTY

Parcel#: 126160109 Owner Name: NORTHRIDGE
ASSOCIATES
DOR Code: 32 - Commercial - Stone, Clay & Glass Address1: % DALE C ADAMS
Situs: Address2: 907 EAGLE RIDGE DR
Map Number: 092812-00-000000-000-0000 City, State: DANVILLE CA
Status: Zip: 94506-5870
Description: LOTS 3,4 & 5 & E2SE4, EXC 12-9-28 E 1225' OF S 480' THEREOF, LESS PTN USA
& EXC PTN TO ST OF WA FOR SRI-82
Comment: 549847 RELEASE OF FLOWAGE ESMT. 8-2-96

WATER WITHDRAWAL/DIVERSION LOCATIONS - CPM PASCO

| Well Name | Ecology Well ID | Legal | Latitude | Longitude | Parcel No. | Well Dia. | Well Depth |
|--------------------|-----------------|------------------------|-----------|-------------|------------|-----------|------------|
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