Applicant: TransAlta
Application Number: LEWI-14-01

This record of decision was made by a majority of the board at an open public meeting of the Lewis County Water Conservancy Board held on Feb. 19, 2015.

☑ Approval: The Lewis County Water Conservancy Board hereby grants conditional approval for the water right transfer described and conditioned within the report of examination on Feb 19 2015 and submits this record of decision and report of examination to the Department of Ecology for final review.

☐ Denial: The (board name) Water Conservancy Board hereby denies conditional approval for the water right transfer as described within the report of examination on (date report of exam was signed) and submits this record of decision to the Department of Ecology for final review.

Signed:

[Signature]
Robert Thode, Chair
Lewis County Water Conservancy Board

[Signature]
Barbara Burres, Commissioner
Lewis County Water Conservancy Board

Date: Feb 19 2015

Mailed to the Department of Ecology Southwest Regional Office of Ecology, and other interested parties on ____________.

If you have special accommodation needs or require this form in alternate format, please contact 360-407-6607 (Voice) or 711 (TTY) or 1-800-833-6368 (TTY).

Ecology is an equal opportunity employer

040-106(03/03)

Record of Decision No.:
Lewis County
WATER CONSERVANCY BOARD
Application for Change/Transfer
OF A RIGHT TO THE BENEFICIAL USE OF THE PUBLIC WATERS OF
THE STATE OF WASHINGTON

Report of Examination

DATE APPLICATION RECEIVED: July 17, 2014
WATER RIGHT DOCUMENT NUMBER (i.e.,
certificates, affidavits, etc.): S2-14966C
WATER RIGHT PROPERTY DATE: November 28, 1966
BOARD-ASSIGNED CHANGE APPLICATION NUMBER: LEWI-14-01

NAME: TransAlta Centralia Generation
ADDRESS: 913 Big Hanford Road
CITY: Centralia
STATE: WA
ZIP CODE: 98531

Changes Proposed:
☐ Change purpose
☐ Add purpose
☐ Add irrigated acres
☐ Change point of diversion/withdrawal
☒ Add point of diversion/withdrawal
☐ Change place of use
☐ Other (Temporary, Trust, Interties, etc.)

SEPA
The board has reviewed the provisions of the State Environmental Policy Act of 1971, Chapter 43.21C RCW and the SEPA rules, chapter 197-11 WAC and has determined the application is:
☐ Exempt
☒ Not exempt

BACKGROUND AND DECISION SUMMARY

Existing Right (Tentative Determination)

<table>
<thead>
<tr>
<th>Maximum Cubic Feet Second</th>
<th>Maximum Gallons Minute</th>
<th>Maximum Acre-Foot Year</th>
<th>Type of Use</th>
<th>Period of Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>51.6</td>
<td>28,033</td>
<td></td>
<td>Industrial</td>
<td>Year-Round</td>
</tr>
</tbody>
</table>

Source
Skookumchuck River
Chelatchie River

At a Point Located:

Skookumchuck River
12522110400

Chelatchie River

Legal Description of Property on Which Water is Used:

- Section 30, T. 15 N., R. 1 W.W.M.
- West ¼ of Section 29, T. 15 N., R. 1 W.W.M.
- NE ¼ of Section 31, T. 15 N., R. 1 W.W.M.
- Sections 17, 19, and 20, T. 15 N., R. 1 W.W.M.;
- Section 24, T. 15 N., R. 2 W.W.M.

For north and south boundary:

- 15

For east and west boundary:

- 3 W
Proposed Use

<table>
<thead>
<tr>
<th>SOURCE</th>
<th>Maximum Cubic Feet</th>
<th>Maximum Gallons</th>
<th>Maximum Acre-Feet</th>
<th>Type of Use, Period of Use</th>
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</thead>
<tbody>
<tr>
<td>Stockmanne River</td>
<td>51.6</td>
<td>51,120</td>
<td>28,033</td>
<td>Industrial, Year-Round</td>
</tr>
</tbody>
</table>

TRIBUTARY OF (OF SURFACE WATER)
Chehalis River

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED (SEE FIGURE 1)

AS TO TOWNSHIP 14 NORTH, RANGE 1 WEST, WILLAMETTE MERIDIAN


AS TO TOWNSHIP 15 NORTH, RANGE 1 WEST, WILLAMETTE MERIDIAN

All of Section 17; ALL OF SECTION 19; ALL OF SECTION 20;

THAT PORTION OF THE SOUTH HALF OF SECTION 27 LYING SOUTHERLY OF BIG HANAFORD CREEK, ALSO KNOWN AS SNYDER CREEK, EXCEPTING THAT PORTION OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER AS DESCRIBED IN A CERTAIN DEED TO RICHARD AND TAMMI FRIED DATED JULY 01, 2006, AND RECORDED UNDER ASSURANCE FILE NUMBER 2700666.

THE SOUTHEAST QUARTER OF SECTION 28; THAT PORTION OF THE SOUTHWEST QUARTER OF SECTION 28 LYING SOUTHERLY OF BIG HANAFORD ROAD, EXCEPTING BIG HANAFORD ROAD;

THAT PORTION OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 28 LYING SOUTHERLY AND EASTERNLY OF BIG HANAFORD ROAD, EXCEPTING BIG HANAFORD ROAD;

THAT PORTION OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 28 LYING SOUTHERLY AND EASTERNLY OF BIG HANAFORD ROAD, EXCEPTING BIG HANAFORD ROAD;

THAT PORTION OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 28 LYING SOUTHERLY AND EASTERNLY OF BIG HANAFORD ROAD, EXCEPTING BIG HANAFORD ROAD;


THAT PORTION OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 28 LYING SOUTHERLY AND EASTERNLY OF THE FOLLOWING DESCRIBED LINE: BEGINNING AT A POINT ON THE WEST LINE OF SAID SUBDIVISION 454.66 FEET NORTH OF THE SOUTHEAST CORNER THEREOF; THENCE SOUTH 53°11'14" EAST 191.69 FEET; THENCE SOUTH 55°33'09" EAST, 163.58 FEET; THENCE SOUTH 54°47'22" EAST 924.6 FEET TO THE SOUTH LINE OF SAID SUBDIVISION AND THE TERMINUS OF SAID LINE;

THAT PORTION OF THE SOUTH HALF OF SECTION 29 LYING SOUTHERLY OF THE SOUTHERLY MARGIN OF BIG HANAFORD ROAD;

THAT PORTION OF THE SOUTH HALF OF SECTION 29; ALL OF SECTION 30; THE EAST HALF OF SECTION 31; ALL OF SECTION 32; ALL OF SECTION 33;

ALL OF SECTION 34 EXCEPTING THAT PORTION OF THE NORTHWEST QUARTER LYING NORTHERLY OF BIG HANAFORD CREEK, ALSO KNOWN AS SNYDER CREEK;

THE SOUTH HALF OF SECTION 35;


AS TO TOWNSHIP 15 NORTH, RANGE 2 WEST, WILLAMETTE MERIDIAN

ALL OF SECTION 24

<table>
<thead>
<tr>
<th>PARCEL NO.</th>
<th>SECTION</th>
<th>TOWNSHIP N.</th>
<th>RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>3, 4, 5, 6</td>
<td>14</td>
<td>1W</td>
</tr>
<tr>
<td>17</td>
<td>19-35</td>
<td>15</td>
<td>1W</td>
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### Board's Decision on the Application

<table>
<thead>
<tr>
<th>Source</th>
<th>Maximum Cubic Feet per Second</th>
<th>Maximum Gallons per Minute</th>
<th>Maximum Acre-feet Per Year</th>
<th>Type of Use/Period of Use</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>Skookumchuck River</td>
<td>51.6</td>
<td>28,035</td>
<td></td>
<td>Industrial, Year-Round</td>
<td></td>
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<tr>
<td>Chehalis River</td>
<td></td>
<td></td>
<td></td>
<td>TERTIARY OF (SURFACE WATER)</td>
<td></td>
</tr>
</tbody>
</table>

**LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED (SEE PAGE 1)**

AS TO TOWNSHIP 14 NORTH, RANGE 1 WEST, WILLAMETTE MERIDIAN

The North Half of the North Half of Section 3 lying easterly of the Centerline of Vacated Mendota County Road; All of Section 4; The North Half and the Southwest Quarter of Section 5; The Northeast Quarter of Section 6.

AS TO TOWNSHIP 15 NORTH, RANGE 1 WEST, WILLAMETTE MERIDIAN

All of Section 17; All of Section 19; All of Section 20;

That portion of the South Half of Section 27 lying southerly of Big Hanaford Creek, also known as Snyder Creek, excepting that portion of the Northwest Quarter of the Southwest Quarter as described in a certain deed to Richard and Tammi Frost dated July 01, 2004, and recorded under Auditor File Number 3700666.

The Southwest Quarter of Section 28; That portion of the Southwest Quarter of Section 28 lying southerly of Big Hanaford Road, excepting Big Hanaford Road;

That portion of the Southwest Quarter of the Northwest Quarter of Section 28 lying southerly and easterly of Big Hanaford Road, excepting Big Hanaford Road;

That portion of the Southwest Quarter of the Northwest Quarter of Section 28 lying southerly and easterly of Big Hanaford Road, excepting Big Hanaford Road;

That portion of the Southwest Quarter of the Northwest Quarter of Section 28 lying southerly of the following described line: Beginning at the Southeast Corner of that certain property described in warranty deed from George W. Blox, a single man, to Byron Wesley Miller and Leona Alma Miller, husband and wife, recorded October 09, 1979, under Auditor's File Number 869434 (hereinafter referred to the Miller property); thence westerly along the southern boundary of said Miller property to the East line of Big Hanaford Road and the terminus of said line, excepting therefrom the Victory Mine Road;

That portion of the Southwest Quarter of the Northeast Quarter of Section 28 lying southerly of the northeasterly line of the Hanaford Creek Logging Company Railroad Grade, said northeasterly line being described as follows: Beginning at a point on the West line of said subdivision 454.44 feet north of the southwest corner thereof, thence South 53°11'14" East 191.69 Feet, thence South 55°33'59" East, 163.58 Feet; thence South 54°47'22" East 984 Feet to the South line of said subdivision and the terminus of said line;

That portion of the South Half of Section 29 lying southerly of the southerly margin of Big Hanaford Road;

The West Half of Section 29; All of Section 30; The East Half of Section 31; All of Section 32; All of Section 33; All of Section 34 excepting that portion of the Northeast Quarter lying northerly of Big Hanaford Creek, also known as Snyder Creek;

The South Half of Section 35;

That portion of the Northeast Quarter and the East Half of the Northwest Quarter of Section 35, lying southerly of Big Hanaford Creek, also known as Snyder Creek, as recorded July 20, 2001, under Auditor's File Number 3117710 in Volume 20 of Surveys, Page 235, except Big Hanaford Road.

AS TO TOWNSHIP 15 NORTH, RANGE 2 WEST, WILLAMETTE MERIDIAN

All of Section 24

<table>
<thead>
<tr>
<th>Parcel No.</th>
<th>Section</th>
<th>Township N.</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3, 4, 5, 6</td>
<td>14</td>
<td>1W</td>
</tr>
<tr>
<td></td>
<td>17, 19-35</td>
<td>15</td>
<td>1W</td>
</tr>
</tbody>
</table>

040-106(0208) 3 Report of Examination CSZ-14996C@1
DESCRIPTION OF PROPOSED WORKS

Existing Skookumchuck River diversion structure is equipped with two 450 hp pumps capable of discharging 23,155 gpm.

DEVELOPMENT SCHEDULE

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>COMPLETE PROJECT BY THIS DATE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Started</td>
<td>January 1, 2022</td>
</tr>
<tr>
<td>Complete</td>
<td>January 1, 2029</td>
</tr>
</tbody>
</table>

REPORT

BACKGROUND

On July 17, 2014, TransAlta, Centralia Generation filed an Application for Change of Water Rights to change the place of use of S2-14966C. The intent of this request is to modify the place of use authorized by this certificate to encompass the proposed Industrial Park at TransAlta project.

Exhibit "A" is a copy of the Application for Change No. LEWI-14-01, and Exhibit "B" is a copy of Surface Water Certificate S2-14966C

Table 1 - Attributes of the water right as currently documented

<table>
<thead>
<tr>
<th>Name on certificate:</th>
<th>TransAlta Centralia Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water right document number:</td>
<td>S2-14966C</td>
</tr>
<tr>
<td>Priority date:</td>
<td>November 28, 1966</td>
</tr>
<tr>
<td>Water quantities:</td>
<td>Qi: 51.6 cfs  Qa: 28,033 acre-feet per year</td>
</tr>
<tr>
<td>Source:</td>
<td>Skookumchuck River</td>
</tr>
<tr>
<td>Point of diversion/withdrawal:</td>
<td>NE ¼ NE ¼ Section 22, T. 15 N., R. 2 W.W.M.</td>
</tr>
<tr>
<td>Purpose of use:</td>
<td>Industrial</td>
</tr>
<tr>
<td>Period of use:</td>
<td>Year-round as needed</td>
</tr>
<tr>
<td>Place of Use</td>
<td>Section 30, T. 15 N., R. 1 W.W.M.; the West ½ of Section 29, T. 15 N., R. 1 W.W.M.; the NE ¼ of Section 31, T. 15 N., R. 1 W.W.M.; Sections 17, 19, and 20, T. 15 N., R. 1 W.W.M.; and Section 24, T. 15 N., R. 2 W.W.M.</td>
</tr>
</tbody>
</table>

Tentative determination of the water right

The tentative determination is provided on the second page of this report.

History of water use

Discussed in Report of Examination on Pages 5 and 6

Current Use

Discussed in Report of Examination on Pages 5 and 6

Previous changes

No changes have been made based on the filing of an Application for change of water right, however on April 28, 1969 a Superseding Permit 149666 issued for change of diversion point, and on August 7, 2009 – Superseding Permit 149666B issued for 54 CFS (2.4 additive) and 39,100 acre-ft per year (11,067 additive)

SEPA

The Board has reviewed the proposed project in its entirety. Since is project involves a change to a water right that was issued for the diversion of water in an amount exceeding 1 cubic feet per second it is not exempt from the SEPA threshold determination.

While this Application for Change has not undergone a separate SEPA review the action to modify the place of use to include the proposed IPAT site and to provide water to the project from TransAlta’s Skookumchuck water right has been addressed through the SEPA process in enough detail so as to be applicable to this request.

For the IPAT proposal Lewis County was the SEPA lead agency and had the primary responsibility for complying with SEPA procedural requirements. The County issued a Determination of Significance (DS) for this project on February 3, 2010, stating that an Environmental Impact Statement (EIS) would be prepared to evaluate the effects of the proposal on the environment. An EIS scoping notice was published in the East County Journal and The Chronicle and mailed to interested agencies and nearby property owners. Following issuance of the scoping notice, a public meeting was held on February 24, 2010 and oral comments were received on issues and topics to be addressed in the EIS. Written comments from the public were also solicited and accepted through March 29, 2010. The scope of the EIS was determined through discussions with County staff and the County’s SEPA consultant and public response to the scoping notice.

A Draft EIS (DEIS) was prepared in accordance with the SEPA Rules and LCC 17.110 and circulated for public review. The proposal was classified as a non-project action involving amendment of the Lewis County Comprehensive Plan, Zoning Code 040-106(0208)
and designation of approximately 4,400 acres of the TransAlta mine site as an Industrial Land Bank under the provisions of RCW 36.70A.368. The public comment period on the DEIS ended on November 11, 2010. A meeting on the proposal was held before the Lewis County Planning Commission on October 26, 2010; no comments on the proposal were received at that meeting.

It was noted by the WCB that the SEPA documents prepared for the project include a slightly different project description than the requested modification to the place of use. As noted in Attachment 1, the requested place of use from the Application for Change of Water Rights includes the entire east half of Section 31, while the project description in the EIS does not include Section 31. In discussions with the applicant and staff from TransAlta it was determined that the discrepancy occurs because the east half of Section 31 was already part of the mining area and zoned to allow for industrial development consistent with IPAT, accordingly because the zoning wasn’t being changed it wasn’t included on the maps in the SEPA documents.

Since the WCB had questions regarding the significance of the differing legal descriptions and the process of adopting previous SEPA documents they requested technical assistance from Ecology, and the questions were referred to Ecology’s SEPA Section.

Staff with Ecology’s SEPA Section reviewed the proposed water right change and previously issued SEPA documents. They stated since the supply of water from TransAlta to IPAT was addressed along with other infrastructure related issues, the legal description provided in the SEPA documents did not necessarily preclude the supply of other areas.

Where impacts associated with a new proposal have been evaluated in a previous SEPA document, that document may be adopted to satisfy the requirements of SEPA [WAC 197-11-630]. It is also possible to adopt other documents, such as an EIS done on a local comprehensive plan and documents prepared for similar proposals or proposals in similar locations. The lead agency may adopt all or part of the information and environmental analysis in these document(s), but a new threshold determination is still required [WAC 197-11-340(1) and 360(2)]. In these situations where a comment period is not required, the lead agency is not required by SEPA to provide public notice or circulate the DNS and may simply add the DNS to the project file, so that it will be available for review if requested. Agencies may also choose to send the DNS and checklist for the proposal to the Department of Ecology’s SEPA Unit for inclusion in the SEPA Register.

Exhibit C is the SEPA adoption form.

Other

Chapter 90.44 RCW authorizes the appropriation of public water for beneficial use and describes the process for obtaining water rights including the process to amend or change existing rights. Laws specifically governing the water right permitting process are RCW 90.03.250 through 90.03.340 and RCW 90.44.060. Changes or amendments to these rights are covered under RCW 90.03.380 and RCW 90.44.100.

The information or conclusions in this section were authored and/or developed by Barbara Burres

COMMENT AND PROTESTS

Public notice of the application was given in the Chronicle on August 30, and September 6, 2014. The protest period ended on October 7, with an extending opportunity for public discussion during the review process. Ecology received no protests as a result of this public notice.

“Exhibit D” is the Affidavit of Publication.

The information or conclusions in this section were authored and/or developed by Barbara Burres

INVESTIGATION

The following information was obtained from:

- A site inspection conducted by Commissioners Barbara Burres and Bob Thode on October 1, 2014. The group was accompanied by Brian Brazil with TransAlta, Bill Lotto on behalf of the Industrial Park at TransAlta project (IPAT) and by Jill Van Hulle of Pacific Groundwater Group. A written report documenting the site visit was prepared by the Board and is included in this record as Exhibit E.
- Research of Ecology records - including water rights, well construction logs and other hydrogeologic information and,
- The TransAlta Mining Site Industrial Park Feasibility Analysis (Huitz-Zollars, 2009)

Project Description

TransAlta Centralia Mining, LLC, owns and operates the Centralia Mine northeast of the city of Centralia in Lewis County. Coal mining operations began in 1967 and produced up to six million tons of coal per year until mining was curtailed in late 2006. The mine site covers more than 14,000 acres and includes mined areas as well as accessory buildings, roadways, waste disposal areas, and utility corridors.

TransAlta continues to operate the Centralia Power Plant, which has both gas-fired and coal-fired generating units. Since suspension of mining activities, the power plant has been supplied with coal from other sources delivered by rail.
Reclamation of lands formerly used for coal mining is in process which creates the opportunity to redevelop the property for other commercial and industrial uses. The Industrial Park at TransAlta, LLC (IPAT) is a non-profit organization whose mission is to establish an industrial park on a portion of the TransAlta Centralia Mine site that would create an employment center for the region.

The intent of this application is to modify the place of use to include the footprint of the IPAT project within TransAlta’s larger place of use. This change will enable TransAlta to provide a portion of its perfected water rights to meet water demand by IPAT for future tenants.

IPAT has identified seven development areas as potential sites for future tenants. An estimated 914 to 1,000 acres of the site will be developed for industrial purposes over about 20 years. Another 200 acres will be developed as infrastructure corridors. The remainder of the 4,400-acre site includes wetlands, ponds, steep slopes and buffer areas which will be undeveloped and remain as open space and buffer areas.

**Proposed Future Water Use/Demand**

While this proposal does not involve a specific industrial development project, TransAlta would like to plan for types of industrial water users who may become tenants. Potential tenants could include large regional, national, and international firms in established or emerging manufacturing sectors. Established sectors include lumber and wood products, transportation equipment, rubber and plastics, stone, clay, glass and concrete products, metal fabrication, and industrial and commercial machinery. Emerging sectors include manufacturing of “green” building products and power equipment such as batteries, wind turbines, and solar panels. IPAT has determined that uses such as warehousing and distribution centers would not be allowed to locate at the site because these businesses do not typically provide high-wage jobs and would have significant impacts on local traffic patterns. This prohibition would be formalized in conditions, covenants, and restrictions (CC&Rs) that would be adopted and recorded for the site.

Water will be needed for domestic use, industrial processes, and fire flow. Domestic water needs could range from approximately 30,000 to 120,000 gallons per day (gpd); although actual use would more likely be on the scale of 30,000 to 33,000 gpd based on expected employment density and domestic water needs. Process water demand is estimated at 1.2 to 2.5 million gpd (MGD) depending on the tenant. Based on the identified target industries, process water needs would likely be approximately 1.5 MGD. The volume of water needed for industrial processes could be reduced by various water conservation measures including re-use of treated wastewater. A planning-level estimate of fire flow needs indicates that a total of one million gallons of water would need to be stored on site to ensure adequate fire flows.

TransAlta has earmarked approximately 3 MGD for use at IPAT—which represents a high maximum potential. As yet the parties have not formalized an annual quantity of water that to dedicate to the industrial park. Ultimately IPAT will need to prepare specific plans for infrastructure needed to facilitate development of an industrial park on the site, clarify target industries, and market the site to potential tenants.

**Infrastructure**

Currently water is diverted from the Skookumchuck River by TransAlta and conveyed to a water treatment plant that can supply 90 gpm of potable water. In addition, TransAlta’s water treatment plant produces 400 gpm of “ultrapure” water that is used in the power plant’s cooling process.

**Other water rights appurtenant to the property (if applicable)**

There are two other water rights associated with TransAlta’s Centralia operations.

Superseding permit S2-14966(B) represents the inchoate portion of TransAlta’s Skookumchuck water right. This permit was issued for 54 cfs (51.6 cfs is non-additive to certificate S2-14966, and the balance of 2.4 cfs is primary) and an additional 11,067 acre-feet per year. These quantities are currently under development under the authority of Permit S2-14966(B) and are unaffected by the change in place of use to Certificate S2-14966.

TransAlta’s operation of the Skookumchuck Dam is authorized by Reservoir Certificate R11862. The certificate allows for the impoundment of 35,000 acre-feet which is released into the river for diversion downstream. Reservoir Certificate R11862 includes provisions that require the maintenance of fish flows below the dam. Operation of the diversion works is not changing as a result in this change to the place of use.

**Effects to Other Water Rights/Claims**

Since the requested change consists only of place of use, area water users will not be affected by this proposed change. Current water use by TransAlta is largely consumptive and the project does not generate a significant amount of discharge relative to total use.

Much of the surrounding area is already part of the TransAlta project, and the area in sparsely developed in general with scattered domestic and small farming operations. Exhibit “F” is a list, queried from the State Department of Ecology’s Water Rights Application Tracking (WRATS) database of existing ground water rights (certificates, permits and claims) situated in the general area surrounding the project site which includes over 40 sections divided over portions of three separate township-ranges.
The state to identify other Over half of these documents (19) were filed as Statement of Water Right Claims for general domestic purposes, but several water rights certificates (9) and claims (5) represent irrigation purposes which are consistent with the land use patterns on the area.

Hydrogeological Setting

The Skookumchuck River is a major tributary to the upper Chehalis River. It originates in the Mt. Baker-Snoqualmie National Forest, and flows northwesterly to the town of Bucoda, draining into the Chehalis River at Centralia (RM 67). The sub-basin drains 181 square miles with an estimated average annual discharge of 540 cfs (CRC 1992).

The Skookumchuck Dam is a prominent component of the TransAlta water supply system. The dam was built in 1970 and stores water for the Centralia Steam-Electric Power Plant, provides some flood control, and furnishes hydroelectric power. The storage capacity is 34,800 acre-feet with a surface area of 550 acres when full.

Water Availability and Impairment of Flows

Minimum instream flows for this area were established through Chapter 173-523 WAC, the Instream Resources Protection Program for the Chehalis River Basin, (WRRA 22 and 23). The stated purpose of the rule is to retain perennial rivers and streams with instream flows and levels necessary to provide for wildlife, fish, scenic-aesthetic, environmental values, recreation, navigation, and water quality. Under the provisions of these regulations, any new consumptive water withdrawals from these basins with priority dates later than the closure dates stated in the regulations must not have an adverse effect on regulated surface water bodies.

The subject certificate has a priority date of November 28, 1966 and predates the instream flow rule. While Ecology does have the authority to condition water rights with instream flows during the change process, there generally needs to be a change in the nature of the water use such that the new use has a potential to impact flows differently. For example a change in period of use would trigger conditioning the change authorization with instream flow, as would a change in point of diversion upstream on a regulated surface water body. In the case of TransAlta's filing the modification to the place of use should not increase the type or duration of impact on the Skookumchuck River. The water will remain in use for industrial supply and the amount of consumptive use is expected to decline.

We note that the Skookumchuck River is a regulated water body and that the dam serves to regulate instream flows in the river. The requirement to maintain certain flow levels is embedded as conditions in TransAlta's reservoir permit.

Public Interest

Since this is a surface water right it is not subject to an evaluation of public interest. We note however that 1971 Water Resources Act provides the most comprehensive list of legislative policies that guide the consideration of public interest in the allocation of water. These policies generally require a balancing of the state's natural resources and values with the state's economic well-being. Specifically, the policies require allocation of water in a manner that preserves instream resources, protects the quality of the water, provides adequate and safe supplies of water to serve public need, and makes water available to support the economic well-being of the state and its citizens.

The proposed change – which will result in the change of place of use, is consistent with state policy without adversely impacting instream flows or other public needs and values. No detriment to public interest could be identified during the examination of the subject application.

Tentative Determination and Good Standing

Applications for Change are governed, in part by RCW 90.03.380, which states that water rights that have been put to full beneficial use may be transferred to another place of use without loss of priority if such change can be made without detriment or injury to other existing rights.

When an Application for Change is filed, County Water Conservancy Boards are required by law to perform what is called a "tentative determination." A tentative determination is a determination of the extent and validity of an existing water right established pursuant to either chapter 90.03 RCW or 90.44 RCW, with guidance provided by Ecology's policy document POL 1120

Ecology and Water Conservancy Boards are required to assess the validity of water rights during the change process to determine if the right is in good-standing and eligible to be changed, and to quantify the amount of water put to beneficial use. Good standing" means that Ecology can verify that water has been used within the last 5 years, that the water right has not been canceled, and that development schedule has not lapsed and assessing the historical purposes of use. Whole or partial relinquishment may occur when all or part of the authorized quantity has not been used for 5 years, respectively.

In situations where forfeiture of water is not an issue, a simplified tentative determination may be needed. A simplified tentative determination may be conducted when a tentative determination or other actions confirming beneficial use of the water right has recently occurred. Under these circumstances, an investigation of the complete history of the water right is not required. In the case of the TransAlta certificate a simplified tentative determinations can be conducted because the existing water right has had recent departmental action – in this case the issuance of a certificate within the last 5 years.

1 Certificate S2-14966 issued on September 1, 2009 040-106(0208)
Regardless of the simplified tentative determination process, as provided under POL 1120, the beneficial use of the water is well documented. Water is used at TransAlta for both potable supply and for use at the power plant. TransAlta operates its own treatment plant, diverting water first to a surge pond before treating it with filtration, deionization and reverse osmosis.

TransAlta uses approximately 26 million gallons of water a day, of which approximately 17,250,000 evaporates as the water cools the steam-electric generating process. An additional 2 mgd is utilized by the air pollution control system. All waste water from the site is discharged to Hanford Creek. Based on TransAlta’s NPDES permit (Fact Sheet for NPDES Permit WA 0001546) approximately 3.35 MGD are discharged to the creek.

Based on the Proof of Appropriation filed for this project the intake is equipped with two 450 hp pumps capable of discharging 23,155 gpm. The system is fully metered and the certificate was based on TransAlta’s evidence that 51.6 acre-feet had been produced in 2008.

We note that TransAlta’s consumptive to non-consumptive water use ratio is fairly high at 87%. While the purpose of use is not being changed we have evaluated the shift in type of industrial use and determined that future water use will not be more consumptive as a result of this change, and will likely be less.

Changes to the Place of Use

Under the provisions of RCW 90.03.380 changes to place of use may be allowed with the caveat that the underlying water right is not enlarged as to rate, number of irrigated areas. While the requested medication of this right will expand the overall footprint of the place of use we note that actual water use will occur in smaller pocket throughout the project site. The type of use will be remain consistent with the original intent of the application and no impairment will occur as a result of the change.

Consideration of Comments and Protests

No protests were received as a result of the public notice or during the subsequent evaluation of this request.

The information or conclusions in this section were authored and/or developed by Jill Van Hulle with Pacific Groundwater Group in consultation with Barbara Burres.
PROVISIONS

Metering Requirements:

An approved measuring device shall be installed and maintained for each of the sources authorized by this water right in accordance with the rule "Requirements for Measuring and Reporting Water Use", Chapter 173-173 WAC. http://www.ecy.wa.gov/programs/wr/measuring/measuringhome.html

Water use data shall be recorded monthly. The maximum monthly rate of diversion/withdrawal and the monthly total volume shall be submitted to the Department of Ecology by January 31st of each calendar year.

Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the project location, and to inspect at reasonable times, records of water use, wells, diversions, measuring devices and associated distribution systems for compliance with water law.

Chapter 173-173 WAC describes the requirements for data accuracy, device installation and operation, and information reporting. It also allows a water user to petition the Department of Ecology for modifications to some of the requirements.

Construction Schedule/Proof of Appropriation

The water right holder must file the notice of Proof of Appropriation of water (under which the superseding certificate of water right is issued) when the permanent distribution system has been constructed and the quantity of water required by the project has been put to full beneficial use. The superseding certificate will reflect the extent of the project perfected within the limitations of the change authorization. Elements of a proof inspection may include, as appropriate, the source(s), system instantaneous capacity, beneficial use(s), annual quantity, place of use, and satisfaction of provisions.

The development schedule established by the Department of Ecology requires the filing of the Proof of Appropriation by January 1, 2029.

The information or conclusions in this section were authored and/or developed by Barbara Burres
Figure 1  Map of Place of Use
Exhibit “A” Application for Change No. LEWI-14-01
Exhibit “B” Surface Water Certificate S2-14966C
Exhibit “C” SEPA Adoption Notice
Exhibit “D” Affidavit of Publication
Exhibit “E” WCB’s Report from the Site Visit
Exhibit “F” WRATS Report of Surrounding Water Rights
Figure 1
Map of Place of Use
Exhibit "A"
Application for Change No. LEWI-14-01
Application for Change/Transfer of Water Right

LEW 14 - 01

For filing with the Department of Ecology or with County Conservancy Board.

A NON-REFUNDABLE MINIMUM FEE OF $50.00 MUST ACCOMPANY THIS APPLICATION IF FILED WITH THE DEPARTMENT OF ECOLOGY

(Check all that apply)
☐ Change purpose(s) of use
☐ Add purpose(s) of use
☐ Change point(s) of diversion/withdrawal
☐ Add point(s) of diversions/withdrawal
☐ Change/transfer place of use
☐ Other (i.e. consolidation, intertie, trust water)

Explain:

**IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS (PLEASE PRINT OR TYPE CLEARLY)**

☐ I have participated in a pre-application conference with Ecology.

1. Applicant Information

<table>
<thead>
<tr>
<th>APPLICANT/BUSINESS NAME</th>
<th>PHONE NO.</th>
<th>FAX NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TransAlta Centralia Generation</td>
<td>(360) 736-9901</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDRESS</th>
<th>CITY</th>
<th>STATE</th>
<th>ZIP CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>913 Big Hanaford Road</td>
<td>Centralia</td>
<td>WA</td>
<td>98531</td>
</tr>
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<table>
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<tr>
<th>CONTACT (IF DIFFERENT FROM ABOVE)</th>
<th>PHONE NO.</th>
<th>FAX NO.</th>
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<tbody>
<tr>
<td>Jill Van Hulle</td>
<td>360-413-1510</td>
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<th>ZIP CODE</th>
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<tbody>
<tr>
<td>2377 Eastlake Avenue East</td>
<td>Seattle</td>
<td>WA</td>
<td>98102</td>
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<table>
<thead>
<tr>
<th>EMAIL ADDRESS (IF AVAILABLE)</th>
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<tbody>
<tr>
<td><a href="mailto:Brian_Brazil@transalta.com">Brian_Brazil@transalta.com</a></td>
</tr>
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<tr>
<td><a href="mailto:Jill@pgw.com">Jill@pgw.com</a></td>
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<table>
<thead>
<tr>
<th>LEGAL LAND OWNER or PART OWNER OF PROPOSED PLACE OF USE</th>
<th>PHONE NO.</th>
<th>FAX NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TransAlta/Industrial Park</td>
<td>TransAlta Centralia Generation</td>
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<table>
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</thead>
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<table>
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2. Water Right Information

<table>
<thead>
<tr>
<th>WATER RIGHT OR CLAIM NUMBER</th>
<th>RECORDED NAME(S)</th>
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<tbody>
<tr>
<td>S2-14966C</td>
<td>TransAlta Centralia Generation</td>
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<table>
<thead>
<tr>
<th>DO YOU OWN THE RIGHT TO RECHARGE? YES NO</th>
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<td>☒ YES ☐ NO</td>
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<tr>
<th>IF NO, PROVIDE OWNER(S) NAME and ADDRESS</th>
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<tr>
<th>HAS THE WATER BEEN PUT TO BENEFICIAL USE IN THE LAST FIVE (5) YEARS? YES NO</th>
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<tr>
<td>☒ YES ☐ NO</td>
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</table>

Please attach copies of any documentation that demonstrates consistent, historical use of water since the right was established. Also, if you have a water system plan or conservation plan, please include a copy with your application.

ECY 010-1-97 (Rev. 05/12)
3. Point(s) of Diversion/Withdrawal:

**A. Existing**

<table>
<thead>
<tr>
<th>SOURCE</th>
<th>NO</th>
<th>%</th>
<th>%</th>
<th>SEC.</th>
<th>TWP.</th>
<th>RGE.</th>
<th>PARCEL #</th>
<th>WELL TAG #</th>
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<td>NE</td>
<td>NE</td>
<td>22</td>
<td>15</td>
<td>2W</td>
<td>46.777349</td>
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**B. Proposed**

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<th>%</th>
<th>%</th>
<th>SEC.</th>
<th>TWP.</th>
<th>RGE.</th>
<th>PARCEL #</th>
<th>WELL TAG #</th>
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<tbody>
<tr>
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<td>NE</td>
<td>NE</td>
<td>22</td>
<td>15</td>
<td>2W</td>
<td>46.777349</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**DO YOU OWN THE EXISTING AND PROPOSED POINT(S) OF DIVERSION/Withdrawal?**

**EXISTING:** ☑ YES ☐ NO ☑ PROPOSED. ☑ YES ☐ NO IF NO, PROVIDE OWNER(S) NAME:

Please include copies of all water well reports involved with this proposal. Also, if you know the distances from the nearest section corner to the above point(s) of diversion/withdrawal, please include that information in Item No. 6 (Remarks) or as an attachment.

4. Purpose of Use:

**A. Existing**

<table>
<thead>
<tr>
<th>PURPOSE OF USE</th>
<th>GPM or CFS</th>
<th>ACRE-FT/YR</th>
<th>PERIOD OF USE</th>
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</thead>
<tbody>
<tr>
<td>Power Generation and Supporting Uses</td>
<td>51.6 CFS</td>
<td>28,033</td>
<td>Year-round, as needed</td>
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**B. Proposed**

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<th>PURPOSE OF USE</th>
<th>GPM or CFS</th>
<th>ACRE-FT/YR</th>
<th>PERIOD OF USE</th>
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</thead>
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<tr>
<td>Industrial Use</td>
<td>51.6 CFS</td>
<td>28,033</td>
<td>Year-round, as needed</td>
</tr>
</tbody>
</table>

5. Place of Use:

**A. Existing**

**LEGAL DESCRIPTION OF LANDS WHERE WATER IS PRESENTLY USED:**

- Section 30, T. 15 N., R. 1 W.W.M. (Lewis County)
- West 1/2 of Section 29, T. 15 N., R. 1 W.W.M. (Lewis County)
- NE 1/4 of Section 31, T. 15 N., R. 1 W.W.M. (Lewis County)
- Sections 17, 18, and 20, T. 15 N., R. 1 W.W.M.; and (Thurston County)
- Section 24, T. 15 N., R. 2 W.W.M. (Thurston County)

<table>
<thead>
<tr>
<th>%</th>
<th>%</th>
<th>SEC.</th>
<th>TWP.</th>
<th>RGE.</th>
<th>COUNTY</th>
<th>PARCEL #</th>
<th># OF ACRES</th>
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<tr>
<td>17</td>
<td>19</td>
<td>20, 29, 30 and 31</td>
<td>15</td>
<td>1 W.</td>
<td>Lewis and Thurston</td>
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</tr>
<tr>
<td>24</td>
<td>15</td>
<td>2 W.</td>
<td>Thurston</td>
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**DO YOU OWN ALL THE LANDS IN THE EXISTING PLACE OF USE?** ☑ YES ☐ NO

**B. Proposed**

**LEGAL DESCRIPTION OF LANDS WHERE NEW USE IS PROPOSED:**

New Place of Use will include existing POU and IPAT project site - See Exhibit A for legal description

<table>
<thead>
<tr>
<th>%</th>
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<th>RGE.</th>
<th>COUNTY</th>
<th>PARCEL #</th>
<th># OF ACRES</th>
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</table>

**DO YOU OWN ALL THE LANDS IN THE PROPOSED PLACE OF USE?** ☑ YES ☐ NO

**If NO, PROVIDE OWNER(S) NAME:**

Attach a detailed map of your proposed change/transfer. The map should show existing and proposed point(s) of diversion/withdrawal, place of use and any other features involved with this application. If printed property, please include a certified copy of the plat map.

Are there any ADDITIONAL WATER rights OR CLAIMS RELATED to the same property as the ONE PROPOSED FOR CHANGE/TRANSFER?

☑ YES ☐ NO - IF YES, PROVIDE THE WATER RIGHT CLAIM NUMBER(S). See attached list of appurtenant water rights.

---

1 Ecology has indicated that the purpose of use associated with this certificate should be characterized as industrial
2 As previously noted by Ecology, the purpose of use listed on the certificate is incomplete, and should be consistent with what is described in this Application for Change.
6. Remarks and Other Relevant Information:

As requested by this application for Change, the place of use will be modified to include the Industrial Park at TransAlta project. The project site encompass approximately 4,500 acres of former surface coal mine lands containing several reclaimed areas that can be reused as industrial development sites. Seven development areas are within the approximate 4,500 acre project site. There are an estimated 1,000 acres within the seven areas that are targeted for development.

No changes are proposed to the diversion works, and Ecology has determined that the purpose of use for this certificate should be characterized as Industrial in nature.

IF FOR SEASONAL OR TEMPORARY, START DATE ___/___/___ END DATE ___/___/___

Certain applications may incur a Real Estate Excise Tax liability for the seller of the water rights. The Department of Revenue has requested notification of potential taxable water right related actions and therefore may be provided with a copy of this request. For further information, contact: Department of Revenue, Real Estate Excise Tax, PO Box 47477, Olympia, WA 98504-7477. Phone (360) 570-3265.

7. Signatures:

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I hereby grant staff from the Department of Ecology or the County Conservancy Board access to the above site(s) for inspection and monitoring purposes. If assisted in preparing this above application, I understand that all responsibility for the accuracy of the information rests with me.

[Signatures]

Please check the region in which the project is located:

- Submit your application to:
  DEPARTMENT OF ECOLOGY
  CASHERING SECTION
  PO BOX 47477
  OLYMPIA, WA 98504 7611

  □ Central Regional Office
    13 W Yakima Avenue, Suite 200
    Yakima, WA 98902
    (509) 573-2490

  □ Northwest Regional Office
    3150 - 160th Avenue SE
    Bellevue, WA 98008-5452
    (425) 619-7000

  □ Eastern Regional Office
    4631 N. Monroe Street
    Spokane, WA 99205-1295
    (509) 329-1400

  □ Southwest Regional Office
    PO Box 47775
    Olympia, WA 98504-7775
    (360) 407-6300

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

□ APPLICATION FEE NOT ENCLOSED
□ MAP NOT INCLUDED or INCOMPLETE
□ ADDITIONAL SIGNATURES REQUIRED
□ SECTION__________ IS INCOMPLETE
□ OTHER/EXPLANATION:

STAFF: __________________ DATE: ___/___/___

FCY 048-1-97 (Rev. 02/12)
Exhibit "B"
Surface Water Certificate S2-14966C
STATE OF WASHINGTON
CERTIFICATE OF WATER RIGHT

Document Title: Certificate of Water Right
Agency: Department of Ecology
Southwest Regional Office
P.O. Box 47775
Olympia, WA 98504-7775

Applicant: Trans Alta Centralia Generation
913 Big Hanford Road
Centralia, WA 98531

Reference: Number:

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<th>APPLICATION NUMBER</th>
<th>PERMIT NUMBER</th>
<th>CERTIFICATE NUMBER</th>
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<tr>
<td>November 28, 1966</td>
<td>19990</td>
<td>I-966</td>
<td>S2-14966C</td>
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This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially used.

PUBLIC WATERS TO BE APPROPRIATED
SOURCE: Sckoolkumdruck River
Tributary of (if surface waters): Chehalis River
MAX. CUBIC FEET PER SECOND: 51.6
MAX. GALLONS PER MINUTE: 28,003
MAX. ACRE-FeET PER YEAR: 28,003

QUANTITY/TYPE OF USE/PERIOD OF USE:
28,003 acre feet per year Power generation and supporting uses Year-Round

LEGAL DESCRIPTION OF LOCATION OF DIVERSION/WITHDRAWAL

<table>
<thead>
<tr>
<th>14 1/4</th>
<th>SECTION</th>
<th>TOWNSHIP</th>
<th>RANGE (E. OR W.)</th>
<th>W.R.A.</th>
<th>COUNTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE1/4</td>
<td>22</td>
<td>15</td>
<td>2W</td>
<td>23</td>
<td>THURSTON</td>
</tr>
<tr>
<td>NE1/4</td>
<td>22</td>
<td>15</td>
<td>2W</td>
<td>23</td>
<td>THURSTON</td>
</tr>
</tbody>
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PARCEL #: 12522110400 Lat/Long: 46.777349, -122.910742

ADDITIONAL LEGAL IS ON PAGE 2

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

<table>
<thead>
<tr>
<th>14 1/4</th>
<th>SECTION</th>
<th>TOWNSHIP</th>
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<th>W.R.A.</th>
<th>COUNTY</th>
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<tr>
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<td>29</td>
<td>15</td>
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<td>&quot;</td>
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<tr>
<td>17,19,20</td>
<td>15</td>
<td>2W</td>
<td>23</td>
<td>&quot;</td>
<td></td>
</tr>
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</table>

PARCEL #: Lewis County Parcels: Steam Plant and associated facilities located at 023355001004, 023340004000, 023340002001, 023355001002 and 023345000000; Big Hanford Project located at: 023340003000
Exhibit "C"
SEPA Adoption Notice
DETERMINATION OF NONSIGNIFICANCE
AND ADOPTION OF EXISTING
ENVIRONMENTAL DOCUMENT

Description of current proposal Application for Change of Water Right Certificate S2-14966

Proponent TransAlta Centralia Generation

Location of current proposal Portions of Thurston and Lewis County, Washington. Located in T. 14 N., R. 1 W.W.M.: Portions of the N ½ of the N ½ of Section 3, all of Section 4, the N ½ and the SE ¼ of Section 5, and the SE ¼ of Section 6. In T. 15 N., R. 1 W.W.M: Portions of the S ½ of Section 27, the SE ¼ of Section 28, portions of Section 28, portions of the S ½ of Section 29, the E ½ of Section 31, all of Section 32, all of Section 33, portions of Section 34, the S ½ of Section 35, and the NE ¼ and the East ½ of the NW ¼ of Section 35.

Title of document being adopted Final Environmental Impact Statement Comprehensive Plan and Zoning Code Amendments – Industrial Park at TransAlta

Date adopted document was prepared November 24, 2010

Description of document (or portion) being adopted Section 2.9 Public Services and Utilities, Appendix F Correspondence Regarding Utilities.

If the document being adopted has been challenged (WAC 197-11-630), please describe: N/A

The document is available to be read at (place/time) Lewis County Department of Community Development, 2025 NE Kresky Ave. Chehalis, Washington 98532-2626

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

X There is no comment period for this DNS.

0 This DNS is issued under WAC 197-11-340(2); the lead agency will not act on the proposal for 14 days from the date below. Comments must be submitted by _____________.

We have identified and adopted this document as being appropriate for this proposal after independent review. The document meets our environmental review needs for the current proposal and will accompany the proposal to the decision maker.

Name of agency adopting document Lewis County Water Conservancy Board

Contact person, if other than responsible official ____________ Phone ____________

Responsible official Robert Thede, Chair

Position/title Chairman Lewis County Water Conservancy Board Phone ____________

Address P.O. Box 1345 Chehalis, WA 98532

Date Feb 19, 2015 Signature ____________
Exhibit "D"
Affidavit of Publication
AFFIDAVIT OF PUBLICATION

STATE OF WASHINGTON
COUNTY OF LEWIS

Amanda Curry, says that she is the legal clerk of

The Chronicle

a semi-weekly newspaper, which has been established, published in the English language, and circulated continuously as a semi-weekly newspaper in the City of Centralia, and in said County and State, and of general circulation in said county for more than six (6) months prior to the date of the first publication of the Notice hereto attached, and that the said Chronicle was on the 7th day of July 1941, approved as a legal newspaper by the Superior Court of said Lewis County.

And that the attached is a true copy and was published in regular issues (and not in supplement form) of said newspaper as Legal # 08350

once each Week for a period of 2 consecutive weeks

commencing on the 30th day of August, 2014

and ending on the 1st day of September, 2014 and both dated inclusive, and that such newspaper was regularly distributed to its subscribers during all of said period. That the full amount of the fee charged for the foregoing publication is the sum of $451.70

Amanda Curry

Subscribed and sworn to me this 16th day of September, 2014

Notary Public in and for the State of Washington, residing at

Chehalis
Exhibit “E”
WCB’s Report from the Site Visit
EXHIBIT "E"
FIELD EXAM RECORD
(Name of Board) Water Conservancy Board

Application Number: LE01-14-01
Applicant Name: Tran-Ahta Control & General

Owner of land on which source is located and water used:

POD/W Location: See Attached Map
Section _____ Township _____ Range _____ (¼ ¼)

Project Status: Proposed [x] Partially Constructed [ ] Existing and In Use [ ] Expansion of Existing System [ ]

Development Schedule:
Completion by 1/20/22

Description of Water Delivery System: [x] Surface [ ] Ground [ ] Skookumchuck

Pump Type & hp: Multiple large pump Booster Pump & hp 2 x 450 hp

Static Water Level: n/a

Well Log available [ ] Casing Diameter/Depth: n/a

Proposed Use(s)
[ ] Industrial [ ] Municipal [ ] Domestic [ ] Irrigation [ ] Stockwater [ ] Power Generation

[ ] Recreation [ ] Beautification [ ] Wildlife Refuge [ ] Fish Propagation [ ] Other:

Use Details
Crop Type: ___________________________ Use Season: __________

Acres: Current: __________ Planned: __________ Feasible: __________

Domestic (number, type): ___________________________ Industrial (specific use):

Non-consumptive uses: ___________________________

Other uses from this source: ___________________________


Field Exam Record
Updated: May 16, 2006
Other water rights (certificates, claims, irrigation districts, etc.) appurtenant to this land □ or from this stream □:

□ None

Proximity to existing wells, springs, streams, etc:

Surface water: Other uses from same source:

☐ Flow measurement or ☐ estimate (cfs or gpm) ____________________________ Meter type ____________________________

Family Farm: ☐ Yes ☐ No Date Waiver Sent to Applicant: _______ Date Signed Waiver Received: _______

Research Checklist

☒ Instream Resources Protection Program ☒ Surface Water Source Limitations

☐ Low Flow __________________ cfs

☒ Maps (Topo. Flat WRATS)

☐ Well Logs ☒ Waste Discharge

☐ Claims Registry

Remarks: This certificate has obviously been exercised fully and has an abundance of documentation for current use at the TransAlta power plant.

Examiner: ___________________ Time: ___________ Date: ________________
Attachment 1
POU for Water Right Certificate S2-14966

Original Place of Use S2-14966
New Place of Use of S2-14966
IFAT Project Boundaries
Thurston/Lewis County Border
Sections
Exhibit “F”
WRATS Report of Surrounding Water Rights
<table>
<thead>
<tr>
<th>File #</th>
<th>Person</th>
<th>Doc</th>
<th>Date</th>
<th>Purpose</th>
<th>County</th>
<th>TRS</th>
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<tbody>
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<td>S2-127353CL</td>
<td>DROP STEVE</td>
<td>Claim L</td>
<td></td>
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