





Irrigation District & Company 1924 Water Rights

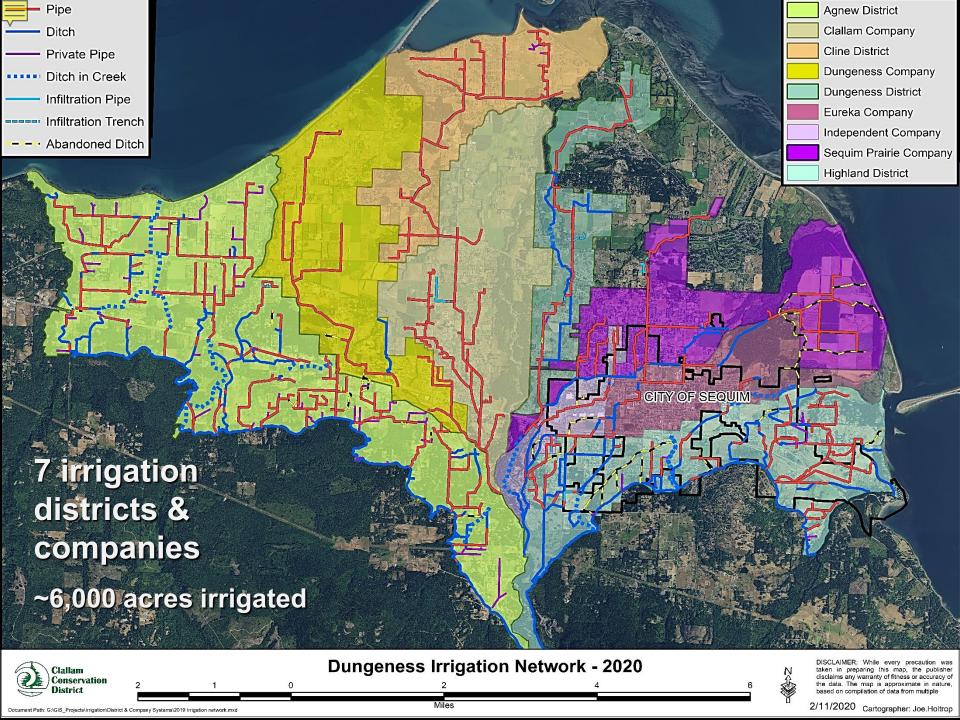
IRRIGATION ENTITY	Priority Date	Acres
Sequim Prairie-Tri Association*	1895	4,500
Clallam Ditch Association	1902	3,000
Dungeness Irrigation Group	1911	3,547
Highland Irrigation District	1915	3,507
Agnew Irrigation District**	1918	7,550
Cline Irrigation District	1919	2,300
Dungeness Irrigation District	1921	2,600
	TOTAL	27,008

Water Rights Totaled 540 cubic feet per second.



^{*}Formerly Sequim Prairie, Eureka and Independent companies.

^{**}Includes 5 cfs right from McDonald Creek.

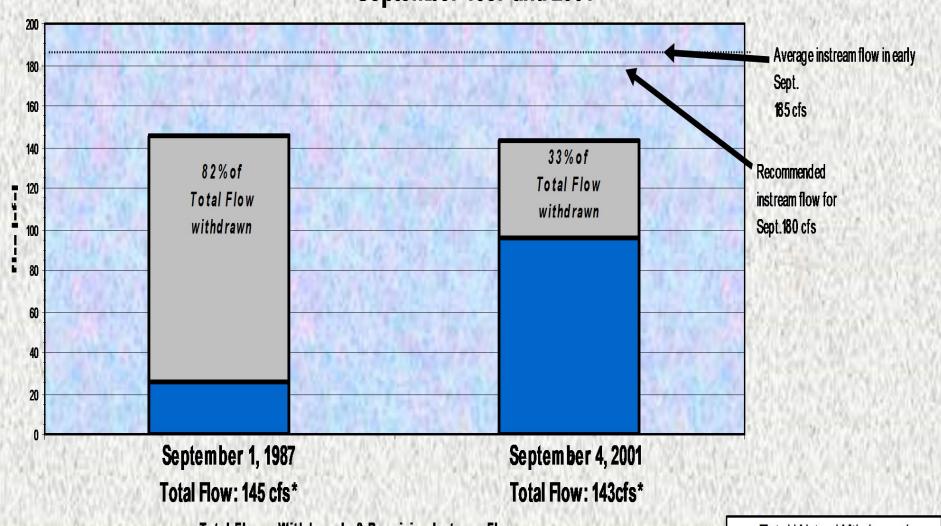




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Comparison for Water Withdrawals from the Dungeness River September 1987 and 2001





Total Flows, Withdrawals & Remaining Instream Flows (*USGS gauging station# 1204800, above withdrawals)

- Total Water Withdraw als
- Remaining Instream Flow s



Dungeness River Habitat Limiting Factors

Late Summer Low Flows

- Average September flow = 172 cfs
- Lowest recorded flow = 70 (2005)
- Up to 50% of flow diverted for irrigation



Dungeness River ESA-Listed Salmonids

- Puget Sound Chinook 1999
- **Hood Canal Summer Chum 1999**
- Bull Trout 1999
- Puget Sound Steelhead 2007





Dungeness Irrigation Conservation Milestones

1994 – Dungeness-Quilcene Plan

1998 – Trust Water Rights MOU

1999 – Salmon ESA listings

1999 – Dungeness Comprehensive Water Conservation Plan



2001-present – Irrigation ditch piping projects

2012 – Superseding Water Right Certificates

- Water rights reduced from 540 to 103.5 cfs
- Must leave ≥50% flow
- Must maintain >60 cfs in river

2013 – Dungeness Water Rule

202? - Dungeness Off-Stream Reservoir







Irrigation District & Company Water Rights - 2012

IRRIGATION ENTITY	1924	2012	change
Agnew Irrigation District	151.0	29.5	-121.5
Clallam Ditch Association	60.0	7.3	-52.7
Cline Irrigation District	46.0	9.0	-37.0
Dungeness Irrigation District	52.0	12.7	-39.3
Dungeness Irrigation Group	70.94	7.0	-63.94
Highland Irrigation District	70.14	14.0	-56.14
Sequim Prairie-Tri Association	90.08	19.0	-80.78
TOTAL	540.16	98.5	-440.78

Quantities in cubic feet per second.

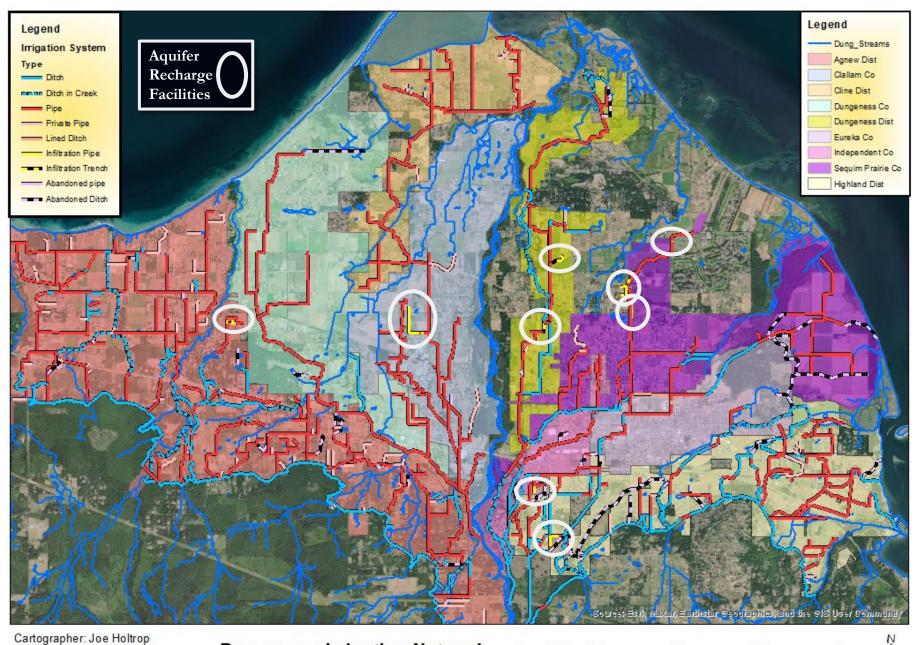
Total average annual diversions are about half what they were 25 years ago.







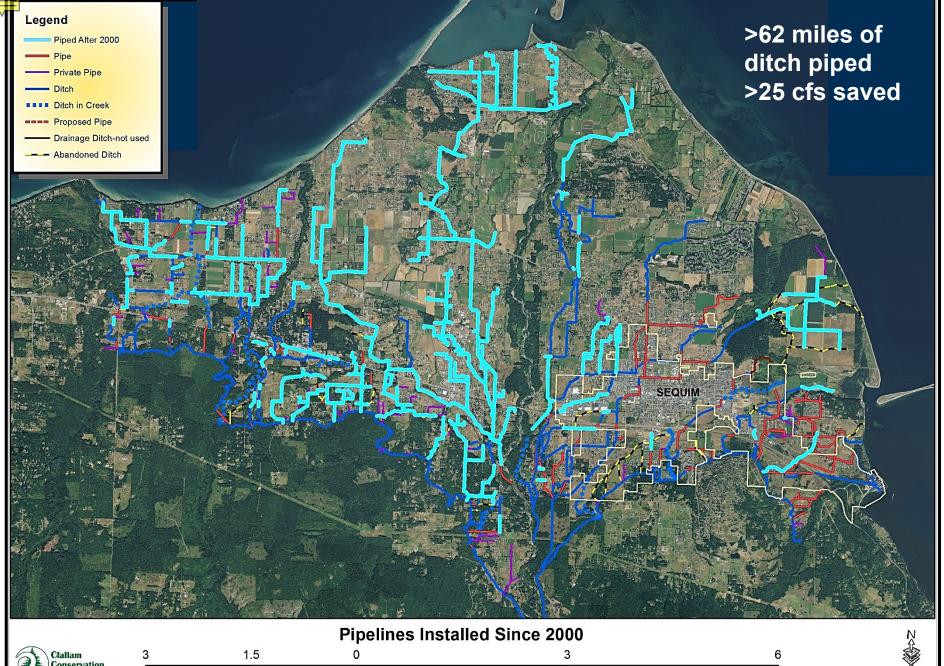




Cartographer: Joe Holtrop Clallam Conservation District January 2023

Dungeness Irrigation Network

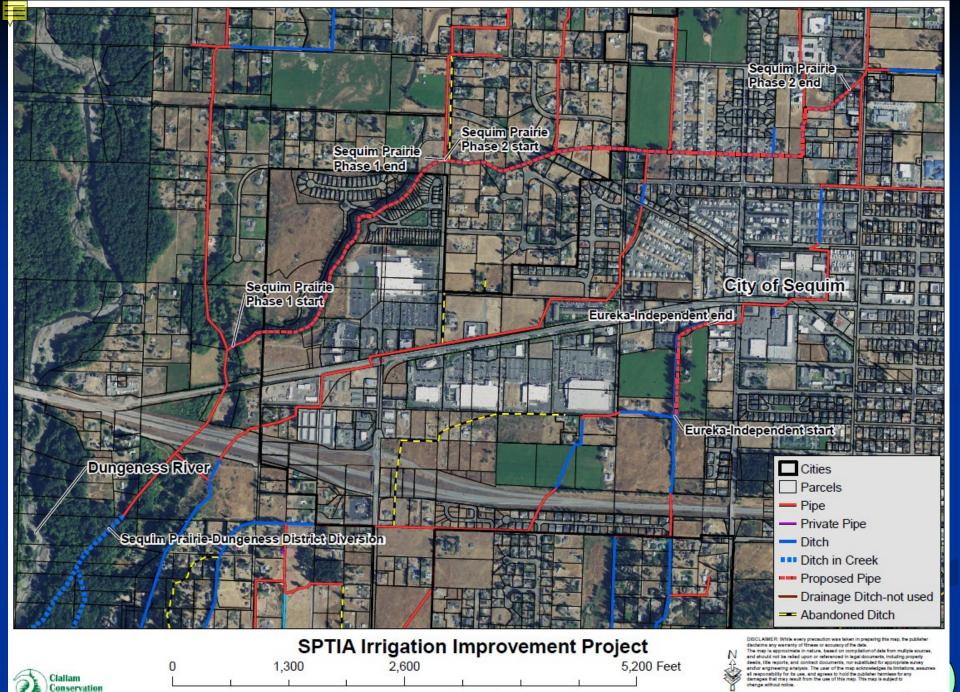
0 0.75 1.5 3 4.5 6 Mile



Miles

5/6/2015 Cartographer: Joe.Holtrop

		Feet					DATE	FUNDING		
COOPERATOR	PROJECT CODE	Piped	CFS	CFS	AC FT	COST*	COMPLETE	SOURCE		
Agnew Irrigation District	Foxhill siphon	1,120				\$ 25,000.00	1998	USFS		
Agnew Irrigation District	Bear Creek	3,000				\$ 25,000.00	1998	USFS		
Dungeness Irr. Group	Mill Road lateral DC-1	6,500	0.57			\$ 100,000.00	Apr-00	JKT-SRFB		
Agnew Irrigation District	Main - Lazy J	3,040	0.12			\$ 50,000.00	2001	JKT-SRFB		
Dungeness Irr. Group	Kitchen-Dick lateral DC-5	7,100	0.25			\$ 59,529.64	Apr-01	MQ, SRFB		
Clallam Ditch Company	Carlsborg Road lateral C-3	14,000	0.4			\$ 227,741.10	Apr-02	IWQ, Dairy, SRFB, NFWF		
Agnew Irrigation District	Old Oly north laterals	2,880	0.28 0.21			\$ 50,000.00 \$ 14.969.41	2002	SRFB		
Agnew Irrigation District	Hooker Road lateral A-8 Independent lateral I-4	5,000 4,725	0.21			\$ 14,969.41 \$ 100,000.00	Apr-02 Apr-03	WSCC IWQ JKT-SRFB	Ductor	E 2
Sequim Prairie Tri-Irrg.					405		 		Projects:	53
Clallam Ditch Company	Taylor Cutoff & Health Road lateral C-1 & C-4 Cameron Road lateral DC-7	8,500 5,360	0.48	0.41	125 51.7	\$ 131,371.45 \$ 67,250.48	May-04 May-04		Gje e te .	
Dungeness Irr. Group Sequim Valley Farms (SPTIA)		5,360	0.25		88.8	\$ 95,514.22	Jul-04	IEP/EQIP		
Cline Irrigation District	Clark Road lateral CL-13	4,300	0.14	0.5	00.0	\$ 83,389.11	Fall-04	MQ	CCD.	11
Cline Irr. District & CD Prop.	Wheeler Road lateral CL-3	2,600	0.14	0.08	24.39		May-05	IEP, MQ	CCD:	41
Highland Irrigation District	Simdars lateral H-16	3,400	0.12	0.00	24.33	\$ 80,000.00	May-05	JKT-SRFB	002.	
Agnew Irrigation District	Atterberry laterals	6.250	0.18			\$ 125,000.00	2006	SRFB		
Sequim Prairie Tri-Irrg.	Port Williams Reservoir SP-7 & 9	18,680	1.75	0.97	297	,		IP	Miles Dipod	66 20
ocquiii i faine III-iiig.	Second Contract SP-8	10,000	1.73	0.25	75.7	\$ 164,953.37	Jan-06	EP	Miles Piped:	66.39
Dungeness Irr. Group	Main Canal to Matriotti M-4	5,500	0.65	0.55	168.9	\$ 244,075.42	Jan-06	EP .		00100
Highland Irrigation District	Smith Ditch to Myco project H-15	3,000	0.03	0.00	100.0	\$ 44,417.00	Aug-06	IEP, Pioneers		
Sequim Prairie Tri-Irrg.	Priest/Hendrickson Rd lateral SP-1 & 2	6,690	0.46	0.3	91.47			IEP, Pioneers	CCD.	E4 22
Cline Irrigation District	CCD COMBO Phase 2 - Main Canal	15,700	1	1	308	\$ 537,227.67	Aug-06	Ref 38, CIDMP	CCD:	51.22
Agnew Irrigation District	Atterberry laterals	7,000	0.18			\$ 125,000.00	2007	SRFB	002.	0
Agnew Irrigation District	Parrish et al laterals	12,555	0.41			\$ 126,160.00	2007	SRFB		
Dungeness Irr. District	Sprinkler to Drip How at		0.04	0.04	10.67	\$ 10,200.00	Mar-07	IEP	CFS Saved:	30.00
Clallam Ditch Company	CCD COMBO Phase 3 - DIG to Runion	3,708	1	1	244	\$ 500,000.00	May-07	IEP, CIDMP	Cro Saved:	30.00
Dungeness Irr. Group	CCD COMBO Phase 3 - intake to DIG	12,583	0.8	0.8	244	\$ 648,282.00	May-07	IEP, CIDMP		0 0 1 0 0
Clallam Ditch Company	CCD COMBO Phase 1	13,000	1.1	1.1	338.8	\$ 500,000.00	Dec-07	Ref 38, CIDMP, EPA		
Cline Irrigation District	CCD COMBO Phase 1	30,000	2.1	2.1	646.8	\$ 1,705,503.00	Dec-07	Ref 38, CIDMP, EPA	CCD:	25.94
Agnew Irrigation District	Parrish et al laterals	12,500	0.41			\$ 125,000.00	2008	SRFB	CCD.	Z3.94
CCD	CCD COMBO Phase 4 - Skyridge lat, misc	1,230				\$ 420,000.00	Apr-08	BOR, SRFB		
Cline Irrigation District	CCD COMBO Phase 5 - laterals	5,000				\$ 380,000.00		SRFB		
Dungeness Irr. District	Cameron Phase M-1	3,700	0.02	0.1		\$ 242,337.37	May-09	IEP, EQIP, JKT	Ac-Ft Saved:	9,180
Dungeness Irr. Dist/SPTIA	Headgate to Split M-3	2,370	0.8			\$ 514,452.75	Apr-10	SRFB	AC-FL Javeu.	J, 10U
Dungeness Irr. District	Split to Hendrickson M-3	3,500	2	1.4	462	\$ 478,194.89	Apr-10	IEP, SRFB, DOE		,
Agnew Irrigation District	Old Oly Main A-18	3,200	0.3		93	\$ 60,000.00	2011	BOR		
Agnew Irrigation District	Abbott Road laterals A-22	2,300	0.45		139	\$ 40,000.00	2011	BOR	CCD:	7,938
Dungeness Irr. District	Tow ne to Tailw ater M-1	8,664	0.9		206	\$ 515,505.00	Apr-11	SRFB, DOE, EQIP, NFWF	CCD.	1,930
Dungeness Irr. District	Low Pressure Traveling Boom Huber	2,100	0.4	0.4	25	\$ 61,962.00	May-11	IEP, DOE		
Agnew Irrigation District	Roupe Road lateral	8,100	0.23	_	71	\$ 150,000.00	2012	BOR		.
Dungeness Irr. Group	CCD COMBO Phase 2 - Main Canal Taylor Cutoff laterals	2,918 5,000	0.55 0.4	0.2	170 124		Apr-12 Apr-12	NOAA, DOE WSCC	Cost:	\$16 M
Agnew Irrigation District Dungeness Irr. Group							-	WSCC. DOE	OUSL.	WI O IVI
<u> </u>	CCD COMBO Phase 3 - Main Canal	11,232	2			\$ 1,048,423.00	Mar-13			
Dungeness Irr. Group	CCD COMBO Phase 4 - Main Canal	17,845	0.5			\$ 1,196,424.00		WSCC, DOE		A 4 4
Cline Irrigation District	W. Anderson Road	3,345	0.33	0		\$ 188,805.50	Mar-15	DOE	CCD:	\$14.7 M
Sequim Prairie Tri-Irrg.	Narrow Way-Marlo	2,364	0.11	0			Apr-15	DOE	CCD.	Ψ 1 7 .1 141
Dungeness Irr. District	Hendrickson to McComb	6,830	0.3	0		\$ 525,000.00	Feb-16	DOE		
Agnew Irrigation District	North Barr	1,235	0.4	0	_	,	Apr-16	WSCC		
Agnew Irrigation District	Solmar Lateral	1,765				\$ 41,517.00		WSCC		
Dungeness Irr. District	McComb to Levee	11,945	2			\$ 952,061.00		IEP, NS, DOE		
Sequim Prairie Tri-Irrg.	Independent Main & Lateral	7,220	0.6			\$ 599,511.00		DOE, IEP		
Sequim Prairie Tri-Irrg.	Eureka Main	1,975		0.25		\$ 274,652.76		IEP, NR, DOE		
Sequim Prairie Tri-Irrg.	Evans Road Lateral	10,009	1.5			\$ 879,473.00		IEP, NR, DOE		
Sequim Prairie Tri-Irrg.	Independent MAT Clinic	1,300	0.25			\$ 50,144.99		EP		
Agnew Irrigation District	Fern Road Lateral	2,075	0.15	0.15		\$ 110,000.00		IEP .		
Agnew Irrigation District	Firehouse Lateral	3,350	0.15	0.15	46	\$ 120,000.00	Jul-21	IEP .		
Sequim Prairie Tri-Irrg.	Independent-Eureka Shaw	1,300	0.25	0.25	77			IEP, BoR WS		
	(miles) 66.39	350,563	30	17	5,894	\$16,045,666.08				The state of the s



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