

2010/2011 Capital Plan

For submission to the Ministry of Education

June 2010

School District No. 8 (Kootenay Lake) 2010/2011 Capital Plan

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- CP 5A Capacity Utilization Summary
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Total Esitmated Budget:

Capital Project Request Form

RDER0310 V.4.06

Project No: 116036

Request Type: Update

Hidden: District Priority: District Ranking:

High HIGH

Nο

10 JUN 2010 10:06:15

26,552,231

39.

Ministry Priority: 'monica schutte' (PRD01) Part A - Project Identification 3. Last Modified: 4. Submitted On: unsubmitted 1. Capital Plan Year: 2010/2011 2. SD Ref. No.: 100 Jun. 10, 2010 7. Municipality: **NELSON** 8. Asset No.: 100246 5. SD No. 80 6. SD Name Kootenay Lake TRAFALGAR MIDDLE SCHOOL Facility Type: 9. Facility No.: 07005 10. Facility Name: 14. Project Description: 11. Current: Junior Middle School 13. Proj. Cd.: REPLACE TŘAFALGAŘ ELEMENTARY/MIDDLE SCHOOL 12. Proposed⊆lementary-Secondary Sch 15. Proj. Type: MAJOR Part B - Capacity, Area Factors and Allowances Nominal Capacity: 7. Grade Configuration Kindergarten Grades 1 - 7 Grades 8 - 12 1. Actual Existing: 0 375 200 6-8 125 -50 2. Capcity Adjustments: 0 3. Proposed Higher Priority Additions: 0 0 0 4. Total Existing: 0 500 150 5. Proposed Addition: 0 0 0 150 6. Proposed Total Capcity: 0 500 K-8 Allowable Building Area (sq.m.) Allowable Renovation Area (sq.m.) Site Area (ha): 0.0 6942.0 Renovations Associated 0 9. Required Size: 12. Total Allowable Area: With Additions (%): 0.0 10. Existing Area: 13. Existing Area: 0.0 0.00 17. Renovation Area: 14. Area to be demolished: 0.0 11. Total New Aera: 0.0 18. Renovation Unit Rate O 6942.0 15. Area of New Space: Construction Cost Factors: Equipment Allowance (%): LFA: 0.00 MF: 1.00 17.3 1050.00 20. Air Conditioning: 24. New Space: 19. Base Unit Rate: 0 22. Location Factor: 2.513 23. Ground Factor: 1.00 25. Freight Allowance: 8.609 21. Project Size Factor: 0.981 Part C - Estimated Budget Subtotal 0 2. Other Cost: [186,701 186,701 Site Acquisition: 1. Purchase: Site Development: 4. Development Cost Charges: 0 5. Offsite Costs: 0 New Building on Existing Site 1,171,058 6. Adjusted Site Development: 1,171,058 466,000 7. Supplementary Site: 0 0.00 **New Construction:** 9. New Area: 6,942.0 Renovations: 13. Renovation Area: 2,588.5157 14. Renovation Unit Rate: 0 10. Adjusted Unit Rate: 17,969,476 15. Subtotal: 0 11. Subtotal: 12. Supplementary Building: 0 16. Supplementary Costs: 0 17. Other Costs: 0 0 20. 17,969,476 19. Reno Cost: **Building Costs:** 18. Build Total: 17,969,476 Allowance Area 249,224 21. New Area: 1,372.00 Equipment Allowance: 22. Area Entitled to Equipment Replacement 0.00 0 Reno Fee New Fee 21,456 24. 270,680 23. Equipment Freight Allowance: 0.0927 0.1600 Fees: 25. Site Dev.: 108,557 26. New: 1,665,770 27. Renovation: 0 28. 1,774,327 574,216 30. Renovation: 0 31. 574,216 Contingency: 29. New: Supplementary Building 32. 33. 4,605,773 Other: Phases: 34. Site: 186,701 35. Plan: 765,621 36. Completion: 25,599,909 37. Planning Costs in Planning Phase: 765,621 38. In Completion Phase: 0

Project No.	Project Title				Capital Plan Yea		
116036	REPLACE - TRAFALGA	AR MIDDLE SCHO	OL		2010/2011	08	100
Part D - Schedule	and Funding						
Project Cost Sched	ule:	Site	Planning	Completion			
	 1. Year:	2012/2013	2012/2013	2012/2013			
	2. Cost:	186,701	765,621	25,599,909			
Funding Source:	3. Bylaw Capital:	186,701	765,621	25,599,909			
	4. Capital Reserve:	0	0	0			
	5. Land Reserve:	0		0			
	6. Local Capital:	0	0	0			
Part E - Approved	Funding						
Phase Status:	1. Status:	Requested	Requested	Requested			
Approved:	2. Bylaw Capital:	0	0	0			
	3. Capital Reserve:	0	0	0			
	4. Land Reserve:	0		0			
	5. Local Capital:	0	0	0			
Variance:	6. Variance	186,701	765,621	25,599,909			
Net Request:	7. Bylaw Capital:	186,701	765,621	25,599,909			
	8. Capital Reserve:	0	0	0			•
	9. Land Reserve:	0	0	0			
	10. Local Capital:	0	0	0			
Part F - Comment	s						
Tarti - Comment	S						
•							

New Trafalgar Elementary / Jr. Middle School DESIGN AID SHEET FOR SECONDARY SCHOOLS - SHEET #1 SCHOOL NAME Trafalgar Elementary / Middle Facility Code Date DISTRICT SD #8 School Capacity *Nominal - *Operating - E 440 S 150 K 38 This sheet is for use in the design proceedures in PART 2 of the building manual. PART 1 - ACADEMIC/VOCATIONAL 1A - EXISTING Description Area Mods. Core Deficit Surplus Description Area Mods. Description Area Mods. Part 1 - ACADEMIC/VOCATIONAL 1A - EXISTING Description Area Mods. Core Deficit Surplus Description Area Mods. Description Area Mods.
DISTRICT SD #8 School Capacity *Nominal - *Operating - This sheet is for use in the design proceedures in PART 2 of the building manual. PART 1 - ACADEMIC/VOCATIONAL 1A - EXISTING Description Area Mods. Date Total Elective Modules 1 Agreed Nominal / Operating Capacity: Ministry of Education Date 1D - NEW ELECTIVE Description Area Mods. Mods. Description Area Mods. Area Mods.
School Capacity *Nominal -
*Operating - E 440 S 150 K 38 This sheet is for use in the design proceedures in PART 2 of the building manual. PART 1 - ACADEMIC/VOCATIONAL 1A - EXISTING Description Agreed Nominal / Operating Capacity: Ministry of Education Date 1D - NEW ELECTIVE Description Area Mods. Mods. Overline In the design proceedures in PART 2 of the building manual. Ministry of Education 1D - NEW ELECTIVE Description Area Mods. Mods. Overline In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the building manual. Notice In the design proceedures in PART 2 of the
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PART 1 - ACADEMIC/VOCATIONAL 1A - EXISTING Description Area Mods. Core Deficit Surplus Description Area Mods. Date Ministry of Education Date Ministry of Education Date Area Mods. 1D - NEW CORE Description Area Mods. Description Area Mods. Description Area Mods.
PART 1 - ACADEMIC/VOCATIONAL 1A - EXISTING 1B - MODULES 1C - NEW CORE Description Area Mods. Nods. Part 1 - ACADEMIC/VOCATIONAL 1B - MODULES Description Area Mods. Nods. N
Space Description Area Mods. Core Deficit Surplus Description Area Mods. Function
Function Description Area Mods. Core Denote Description
Business 0.00 1.0 1.00 0.00 Computers 100 1.00 0
Education 0.00 0
0.00
All
Fine Coral Music 0.00 1.0 1.00 0.00 music 160 1.00 Drama & Theatre 120 1.00 Arts Music 0.00 0
Drama & Theatre 0.00 0
Clothing 0.00 0
Home Foods 0.00 1.0 1.00 0.00 clothing/foods 140 1.00 0
Fconomics Clothing/Foods 0.00 0
General Shop 0.00
Drafting 0.00 0
Industrial 1.0 1.00 0.00 General Shop 155 1.00 0
Technology 0.00 0
General Science 0.00
Science Physics 0.00 1.0 1.00 0.00 Science 100 1.00 0
Chemistry 0.00 0
Biology 0.00 0
Other* Ceneral Irooms 75-95 s m 0 0.00 F: 20 Area = no. of Area = no. of
General 100ms 75-95 s.m. 0 0.00 E. 20 0.00 E
Instruction of the results of the re
Sub-Totals 0 0.00 Ei Ci Di Dii
*Note - May not be used except for spaces agreed in writing by the Ministry. Total of New Elective Modules 1.

New Trafalgar Elementary / Jr. Middle School DESIGN AID SHEET FOR SECONDARY SCHOOLS - SHEET #2

Jun 02, 10

Space Function	E-Exist.	F-Allowable	G-Deficit	H-New		N-EXISTING P-NEW
pace i dilodon	L-LAIST.	1 / MOTTABIO	a Bollon	1.1.11011		
dministration / Health		190	190	19	Existing Acad./Voc.	Ai 0
Counselling		50	50	50	Core Acad./Voc. Additions	Ci 23
Gen. Storage		90	90	9	Elective Acad./Voc. Additions	Di 1:
Sym Activity		600	600		Service Activity	Ei 0 Hi 44
aym Ancilliary		150			SUB-TOTAL	0 Pi 69
Media / Tech Centre		320	320			Ni
/ulti-purpose		160	160		Total Gross Allowable Area	5775 69
Spec. Education		320	320	32	extra gross area for 25 Elem. st	
/lechanical		170	170	17	plus Other	<u> 1212</u>
Design Space		1225	1225	122	5	7104.5
Other		1212	1212	121	2	
	lEi	lFi		Hi	<u>-</u>	
SUB-TOTAL		0 4487		448	7	
	 		Fi-Ei=	448	SITE REQUIREMENTS PRO\	/IDED REQUIRED
Other' is:						

ENROLLMENT: 2014 / 2015
Full Day K at 36 FTE
Elementary (1 to 7) at 437
Secondary (gr 8) at 155

6942 Area New



'monica schulte' (PRD01)

Capital Project Request Form

RDER0310 V.4.06

Project No: N/A

Request Type: New

10 JUN 2010 10:06:17

No High 2

Hidden: District Priority: District Ranking: Ministry Priority:

Part A - Project Identificati	ion				
1. Capital Plan Year: 2010/2	2011 2. SD Ref. No.: 150	3. Last Modified:	Jun. 2, 2010	4. Submitted	On: unsubmitted
5. SD No. 08 6. SD I	Name Kootenay Lake	7. Municipality	r: NELS	SON	8. Asset No.: 100242
9. Facility No.: 07004		E ELEMENTARY SCHOOL		Facility Type:	
13. Proj. Cd.: MECHUP	14. Project Description: HUME MECHANICAL SYSTEM UF	PGRADE		11. Current:	Elementary School
15. Proj. Type: MINOR				12. Proposed:	Elementary School
Part B - Capacity, Area Fa	actors and Allowances				
Nominal Capacity:	Kindergarten Grades	1 - 7 Grades 8 - 12	7. Grade Co	nfiguration	
1. Actual Existing:	40 25	0 0	K-5		
2. Capcity Adjustments:	0 0	0			
3. Proposed Higher Priority	Additions: 0 0	0			
4. Total Existing:	40 25	0			
5. Proposed Addition:	0 0	0			
6. Proposed Total Capcity:	40 25	0	8. K-5		
Site Area (ha):	Allowable BuildIng Are	a (sq.m.)	Allowable Rend	ovation Area (sq	.m.)
9. Required Size:	0.0 12. Total Allowable Are	ea: 0.0	16. Renovatio With Addition	ons Associated	20
10. Existing Area:	0.0 13. Existing Area:	0.0	17. Renovation	• ,	0.00
11. Total New Aera:	0.0 14. Area to be demolis	hed: 0.0	18. Renovation		0.00
	15. Area of New Space	e: 0.0	TO. I CONO VALIDI	, ormit reals	
Construction Cost Factors:				Equipment Allow	rance (%):
19. Base Unit Rate:	1035.00 20. Air Conditioning:	0 LFA: 0.00	MF: 1.00	24. New Space	: 13.0
21. Project Size Factor:	1.050 22. Location Factor: 2.	513 23.Ground Factor:	1.00	25. Freight Allo	wance: 8.609
Part C - Estimated Budget					
					Subtotal
Site Acquisition:	1. Purchase: 0	2. Other Cost:	0] :	3. 0
Site Development: 4. Deve	elopment Cost Charges: 0]			
	5. Offsite Costs: 0]			
6. Adjus	sted Site Development: 0	0 None		8	. 0
	7. Supplementary Site: 0]			
New Construction:	9. New Area: 0.0	Renovations: 13. Renov	ation Area:	0.00	
•	10. Adjusted Unit Rate: 0.0000	14. Renovation	Unit Rate:	0	
	11. Subtotal: 0] 15	5. Subtotal:	0	
12. S	upplementary Building: 0	16. Supplemen	-	0	
		17. O	ther Costs:	0	
Building Costs:	18. Build Total: 0	19.	Reno Cost:	0	200
P		Area	Alk	owance	
Equipment Allowance:	22. Area Entitled to Equipment R	21. New Area: 0.00		0 0	
New Fee Reno Fee		23. Equipment Freight All	owance:	0	24. 0
Fees: 25. Site Dev.:	0 26. New: 0	-	enovation:	0	28. 0
Contingency:	29. New: 0	-	Renovation:	0	31. 0
	ECHANICAL SYSTEM UPGRADE				33. 1,425,990
<u>Julion.</u> 02.		· 			1,720,000
Phases: 34. Site:	0 35. Plan: 0	-		1,425,990	
_	osts in Planning Phase: 0	38. In Compl	etion Phase:	0	
Total Esitmated Budget:					39. 1,425,990

	Project Title MECHUP - HUME ELEN	MENTARY SCHOO	DL_		Capital Plan Year SD No.: SD Ref. No. 2010/2011 08 150
Part D - Schedule a	and Funding				
Project Cost Schedu	1. Year: 2. Cost: 3. Bylaw Capital: 4. Capital Reserve: 5. Land Reserve: 6. Local Capital:	Site 2012/2013 0 0 0 0 0 0	Planning 2012/2013 0 0 0 0	Completion 2010/2011 1,425,990 1,425,990 0 0 0	
Part E - Approved					
Phase Status:	1. Status:	Requested	Requested	Requested	
Approved:	2. Bylaw Capital: 3. Capital Reserve: 4. Land Reserve: 5. Local Capital:	0 0 0 0	0 0	0 0 0	
Variance: Net Request:	6. Variance7. Bylaw Capital:8. Capital Reserve:9. Land Reserve:	0 0 0	0 0 0	1,425,990 1,425,990 0	
	10. Local Capital:	0	0	0	
Part F - Comments					

HUME ELEMENTARY SCHOOL

HVAC SYSTEMS ASSESSMENT SCHOOL DISTRICT NO. 8 (Kootenay) Nelson, B.C. May 27, 2010



1.0 Executive Summary

- The existing structure is well maintained and is good shape.
- The school appears to be well utilized. Present student population is about 180 students.
- Existing mechanical systems do not deliver good occupant comfort.
- Existing mechanical system are not capable of delivering adequate ventilation for the most part.
- Existing heating system is old and inefficient.
- The building is amongst the poorest energy consumers in the district.
- Significant portion of the control systems are pneumatic and need to be upgraded.
- A conventional heat pump upgrade is estimated at \$1,040,000.
- A Ground Source Heat Pump (GSHP) upgrade is estimated at \$1,425,000.
- A GSHP will save 74 tonnes of CO2 Per Year.

2.0 Description of Existing Building

- Area of Building: 3254m²
- The bulk of the building is a three storey classroom block using a masonry façade. The style of building could be considered heritage and is in very good shape considering its vintage.
- Building was original constructed in 1923. Library and Classroom Addition was in 1966.
 Gymnasium was added in 1991.

3.0 Description of Existing Mechanical Systems

- Three Storey Classroom Block utilizes Gas-fired hydronic boilers without mechanical cooling. Central air handling unit with hydronic reheat coils with supplementary wall fin radiators and convectors. Pneumatic controls.
- Library, Gym and select upper storey classroom are service by a combination of heating only and heat/cool roof top units.

4.0 Recommended Mechanical Upgrade

- The proposal is that classrooms and support areas will be served by new water to air heat pump units located in service area areas and possibly in the ceiling spaces. New supply ducts, and new return air ducts will be connected to the new heat pumps.
- New primary outside air heat pump will be modified to provide outdoor air ventilation service. Ventilation levels will be controlled by automatic dampers controlled by carbon dioxide sensors.
- In order to save significant energy costs, the main heat source and heat rejection medium can be upgraded to a new geo-thermal source field located east of the classroom building. The geo-thermal field will be sized to provide 75 85 % of the plant energy needs. Supplemental heat will be provided by new condensing boilers. A new fluid cooler will be needed to provide heat rejection when the geo-thermal field has reached its performance limit.
- The ground systems will need to be based on the more expensive vertical type systems to accommodate a small site situation.

5.0 Appendix

- Construction estimates
- Energy and carbon saving calculation.

		0001010	HVAC	YSTEM U	FUNADE								-												
	Eff	fective area	3,254	sq m				Cui	rent Enrollme	nt Estimate	180	Students													
												EXIS	TING CON	SUMPTION											
				72									LECTRICIT	·				TOTAL			NNUAL GHG	and ENERGY	REDUCTION	NS	
			<u>N</u>	ATURAL GA	48							1	LECTRICIT				Г	Tonne	Tanna Fund	Tonne Hydro		0,	Fuel	Hydro	тоти
GJ	kWhr	Tonne CO2	GJ/sq.m.	kWhr/sq.m	\$	\$/GJ	\$/kWhr	\$/sq.m	GJ	kWhr	Tonne CO2	GJ/sq.m.	kWhr/sq.m	\$	\$/GJ	\$/kWhr	\$/sq.m	CO2	CO2 Saving			CO2 Saving		\$ Saving	\$ Sav
			0.50	140	607.000	\$15.74	\$0.057	\$8.37	504	140,000	3.1	0.15	43	\$14,030	\$27.84	\$0,100	\$4.31	89.0			 	-			
,730	480,594	85.9	0.53	148	\$27,238	\$10./4	\$U.U0/	⊉0.3 1	304	140,000	3.1	0.10	40	₹1 <u>₹,</u> 000	421.04	40.100	. + ,,,,,		-						
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									100/	Reduction E	atlmata	Option 1	Convention	onal Heat P	ump										
10%	Reduction E	stimate	. N	ATURAL GA	2				10%	Reduction	Sumate		LECTRICIT	Y				TOTAL			NNUAL GHG	and ENERGY	REDUCTION	VS.	
	T1	T	· · · · · · · · · · · · · · · · · · ·	I I		i					Tonne							Tonne	Tonne Fuel	Tonne Hydro	Total Tonne	% CO2	Fuel	Hydro	тоти
GJ	kWhr	Tonne CO2	GJ/sq.m.	kWhr/sq.m	\$	\$/GJ	\$/kWhr	\$/sq.m	GJ	kWhr	CO ₂	GJ/sq.m.	kWhr/sq.m	\$	\$/GJ	\$/kWhr	\$/sq.m	CO2	CO2 Saving				\$ Saving	\$ Saving	\$ Sav
1.557	432,535	77.3	0.48	133	\$24,514	\$15.74	\$0.057	\$7.53	454	126,000	2.8	0.14	39	\$12.627	\$27.84	\$0.100	\$3.88	80.1	8.6	0.3	8.9	10%	\$2,724	\$1,403	\$4,12
.501	1 402,000	77.0	0.40	100	Ψ2.110.111	\$10.11	40.00.					•													
						-						Ontion 2 -	Ground So	urce Heat	Pump					*					
000	Reduction E	*atimata							130%	increase Es		Option 2 -	Gibulia 50	uice ilear	, amp			· · · · · · · · · · · · · · · · · · ·							
9070	Reduction	Surnate	N	ATURAL GA	\s					IIIO OGGO EG			LECTRICIT	Υ				TOTAL			NNUAL GHG	and ENERGY	REDUCTION	VS.	
GJ	kWhr	Tonne CO2	GJ/sq.m.	kWhr/sq.m	\$	\$/GJ	\$/kWhr	\$/sq.m	GJ	kWhr	Tonne CO2	GJ/sq.m.	kWhr/sq.m	\$	\$/GJ	\$/kWhr	\$/sq.m	Tonne CO2	Tonne Fuel CO2 Saving			% CO2 Reduction	Fuel \$ Saving	Hydro \$ Saving	TOT/ \$ Sav
	1		0.05	15	\$2,724	\$15.74	\$0.057	\$0.84	1,159	322,000	7.1	0.36	99	\$32,269	\$27.84	\$0,100	\$9.92	15.7	77,3	-4.0	73.3	82%	\$24,514	-\$18,239	\$6,2

HUME - GSHP Estimate

UUME E	LEMENTARY	/ Gro	und Sou	roo l	Joot	Dump	Ι		T		T		l	Γ		1		· ·	Ι	i	l	F								
NUME :	LEMENTART	- 610	una sou	ICE I	10al	rump						-							_	 										27-May-10
IDENT	Noles		Existing Unit	Qty	Ton	Unit	Unit Costs	Heating Coll	Cooling	Econo	Damper motor	Unit Costs	Equipment Costs	Install Costs	Insulation	Pips	Balance, Misc	Controls	Électrical	Roofing	Painting	Millwork	Carpentry	Misc.	Escalation	Subtotal	HST	Total	FEE & Contingen cy	GRAND TOTAL
MAIN BOIL	ER ROOM			П															<u> </u>	ļ					-					
			-	<u> </u>										\$10,000				-	 					\$500	\$250	\$10,750	\$1,300	\$12,050	\$2,050	\$14,100
Demolition Bollers		<u> </u>		2		CONDENSING	\$18,000		 				\$36,000	\$14,400	\$1,000	\$1,500	\$1,000	\$6,000	\$3,000	\$1,000			\$5,000	\$3,450	\$1,450	\$73,800	\$8,900	\$82,700	\$14,100	\$96,800
Cooling Toy	ver		 	1		CONDENSING	\$25,000	-	1				\$25,000	\$10,000	\$500	\$750	\$500	\$3,000	\$1,500	, ,,			\$5,000	\$2,350	\$1,000	\$49,600	\$6,000	\$55,600	\$9,500	\$65,100
	with heat recouvery			1			\$75,000						\$75,000	\$30,000	\$500	\$750	\$500	\$3,000	\$1,500	\$2,500			\$5,000	\$5,950	\$2,500	\$127,200	\$15,300	\$142,500	\$24,250	\$166,750
Circ pumps			ļ	3			\$1,500	<u> </u>					\$4,500	\$4,500	\$1,500	\$2,250	\$1,500	\$3,600	\$4,500				\$1,125	\$1,200	\$500 \$300	\$25,175 \$14,650	\$3,050 \$1,800	\$28,225 \$16,450	\$4,800 \$2,800	\$33,025 \$19,250
n Line Circ	pumps			2	-		\$1,000		<u> </u>			\$180	\$2,000	\$2,000	\$1,000 \$4,500	\$1,500 \$16,200	\$1,000	\$2,400	\$3,000	 	 		\$750 \$33,750	\$700 \$2,750	\$1,150	\$58,350	\$7,050	\$65,400	\$11,150	\$76,550
Piping			-	90				-	-			\$180			\$4,500	\$10,200					<u> </u>		\$00,100	\$2,750	Ψ1,100	\$00,000	\$1,000	440,104	¥111100	4.0000
Cround Pipi	ng		—	40	ton		\$5,000				L			\$200,000	\$500	\$5,000	\$2,000	\$2,000					\$15,000	\$11,250	\$4,750	\$240,500	\$28,900	\$269,400	\$45,800	\$315,200
Ground Rep				1										\$50,000									\$375	\$2,550	\$1,100	\$54,025	\$6,500	\$60,525	\$10,300	\$70,825
															-			ļ	<u> </u>	 			<u> </u>	-	<u> </u>					ļ <u> </u>
			 		<u> </u>			-	 				-	 	-	ļ		-	 	1			-	 	 	 			 	
	Sub Total		 		<u> </u>			 	 		<u> </u>		\$142.500	\$320,900	\$9,500	\$27.950	\$6,500	\$20.000	\$13,500	\$3,500	-	<u> </u>	\$66,000	\$30,700	\$13,000	\$654,050	\$78,800	\$732,850	\$124,750	\$857,600
	305 Total		 					†	1	-			V1-2,000	\$020,000	. 40,000	427,000	45/555	400,000	110,000	1										
GYM AND	IBRARY BLOCK			\sqsubseteq				-											ļ	-		1			 		-			
HP 100	GYM 100	1	ahu	1	10	HP 120	\$7,500	-	-	\$150	\$100	\$7,750	\$7,750	\$5,040	\$500	\$1,000	\$700	\$3,500	\$2,000		\$900	\$500	\$700		\$1,250	\$26,140		\$29,290	\$5,000	\$34,290
HP 101	Classroom 101	1	rtu	1	2.5	HP 030	\$2,500			\$150	\$100	\$2,750	\$2,750	\$1,790		\$1,000	\$700	\$3,500	\$1,000		\$900 \$900	\$500 \$500	\$700 \$700	\$1,350 \$1,350	\$750 \$750	\$15,440 \$15,440			\$2,950 \$2,950	\$20,290 \$20,290
HP 102 HP 214	Classroom 102 Classroom 214	1	rtu			HP 030 HP 030	\$2,500 \$2,500	-		\$150 \$150	\$100 \$100	\$2,750 \$2,750	\$2,750 \$2,750	\$1,790 \$1,790		\$1,000 \$1,000	\$700 \$700	\$3,500 \$3,500	\$1,000 \$1,000		\$900	\$500	\$700	\$1,350	\$750	\$15,440			\$2,950	\$20,290
HP 215	Library 215		rtu			HP 060	\$4,000			\$150	\$100	\$4,250	\$4,250	\$2,770	\$500	\$1,000	\$700	\$3,500	\$1,000		\$900	\$500	\$700	\$1,600	\$900	\$18,320			\$3,500	\$24,020
Force Flow				2			\$1,200		<u> </u>				\$2,400	\$2,400	\$1,000	\$2,000	\$400	\$2,400	\$1,000				\$1,400	\$1,300	\$750	\$15,050	\$1,850	\$16,900	\$2,900	\$19,800
Dieles	-			110					1			\$180	 	1	\$4,400	\$19,800			 					\$2,450	\$1,350	\$28,000	\$3,400	\$31,400	\$5,350	\$36,750
Piping				<u> </u>					1			*1.00			4.7.55	7,1=1===														
			ļ							 			***	\$15,580	67.000	\$26,800	£2.000	\$19,900	e7 000	 	\$4.500	\$2.500	\$4,900	\$11,700	\$6,500	\$133,830	\$16,300	\$150,130	\$25,600	\$175,730
	Sub Total			├				 	 		-		\$22,050	\$15,560	\$7,900	\$20,000	\$3,900	\$19,900	\$1,000	 	\$4,000	\$2,500	44,500	\$11,700	40,500	\$100,000	VIOLOGO	V100 100	V25,000	71.07.0
STOREY																													-	
HP 103	Acivity 103	1	herman Ne		10	HP 120	\$7.500	-		\$150	\$100	\$7,750	\$7,750	\$5,040	\$500	\$1,000	\$700	\$3,500	\$1,000	ļ	\$900	\$500	\$700	\$2,200	\$1,200	\$24,990	\$3,000		\$4,800	\$32,790
HP 113	Classroom 113	1.	herman Ne	1	2.5	HP 030	\$2,500			\$150	\$100	\$2,750	\$2,750	\$1,790	\$500	\$1,000	\$700	\$3,500	\$1,000		\$900	\$500	\$700_	\$1,350	\$750	\$15,440	\$1,900		\$2,950 \$2,950	\$20,290 \$20,290
HP 201	Classroom 201	1	herman Ne			HP 030 HP 024	\$2,500 \$2,400		ļ	\$150 \$150	\$100 \$100	\$2,750 \$2,650	\$2,750 \$2.650	\$1,790	\$500 \$500	\$1,000 \$1,000	\$700 \$700	\$3,500	\$1,000 \$1,000	 	\$900 \$900	\$500 \$500	\$700 \$700	\$1,350 \$1,350	\$750 \$750	\$15,440 \$15,280	\$1,900 \$1,850	\$17,340 \$17,130	\$2,950	\$20,290
HP 202 HP 204	Staff 202 Office 204	1	herman Ne	1	2	HP 024	\$2,400			\$150	\$100	\$2,650	\$2,650	\$1,730	\$500	\$1,000	\$700	\$3,500	\$1,000		\$900	\$500	\$700	\$1,350	\$750	\$15,280	\$1,850	\$17,130	\$2,950	\$20,080
HP 212	Classroom 212	1	herman Ne			HP 030 HP 030	\$2,500 \$2,500			\$150 \$150	\$100 \$100	\$2,750 \$2,750	\$2,750 \$2,750	\$1,790 \$1,790		\$1,000 \$1,000	\$700 \$700	\$3,500 \$3,500	\$1,000 \$1,000	 -	\$900 \$900	\$500 \$500	\$700 \$700	\$1,350 \$1,350	\$750 \$750	\$15,440 \$15,440	\$1,900 \$1,900	\$17,340 \$17,340	\$2,950 \$2,950	\$20,290 \$20,290
HP 214 HP 215	Classroom 214 Library 215	1	herman Ne herman Ne			HP 030	\$2,500			\$150	\$100	\$2,750	\$2,750	\$1,790		\$1,000	\$700	\$3,500	\$1,000		\$900	\$500	\$700	\$1,350	\$750	\$15,440	\$1,900	\$17,340	\$2,950	\$20,290
HP 301	Classroom 301	1	herman Ne	1	2.5	HP 030	\$2,500			\$150	\$100	\$2,750	\$2,750		\$500	\$1,000	\$700	\$3,500	\$1,000		\$900 \$900	\$500 \$500	\$700 \$700	\$1,350 \$1,450	\$750 \$800	\$15,440 \$16,590	\$1,900 \$2,000	\$17,340 \$18,590	\$2,950 \$3,200	\$20,290 \$21,790
HP 303 HP 304	Classroom 303 Classroom 304	1 1	herman Ne	1	2.5	HP 030 HP 024	\$2,500 \$2,400			\$150 \$150		\$2,750 \$2,650	\$2,750 \$2,650	\$1,790 \$1,730	\$500 \$500	\$1,000 \$1,000	\$700 \$700	\$3,500 \$3,500	\$2,000		\$900	\$500	\$700	\$1,350	\$750	\$15,280	\$1,850	\$17,130	\$2,950	\$20,080
HP 305	Classroom 305	1	herman Ne	1.	2.5	HP 030	\$2,500			\$150	\$100	\$2,750	\$2,750	\$1,790	\$500	\$1,000	\$700	\$3,500	\$1,000		\$900	\$500	\$700	\$1,350	\$750	\$15,440 \$15,440	\$1,900 \$1,900		\$2,950 \$2,950	\$20,290 \$20,290
HP 306 HP 309	Classroom 306 Classroom 309	1	herman Ne			HP 030 HP 030	\$2,500 \$2,500	-		\$150 \$150	\$100 \$100	\$2,750		\$1,790 \$1,790		\$1,000 \$1,000	\$700 \$700	\$3,500 \$3,500	\$1,000 \$1,000	-	\$900	\$500 \$500	\$700 \$700	\$1,350 \$1,350	\$750 \$750	\$15,440 \$15,440			\$2,950	\$20,290
HP 310	Classroom 310	1	herman Ne			HP 030	\$2,500				\$100			\$1,790	\$500	\$1,000	\$700	\$3,500	\$1,000		\$900	\$500	\$700	\$1,350	\$750	\$15,440	\$1,900	\$17,340	\$2,950	\$20,290
Force Flow				3			\$1,200						\$3,600 \$3,000	\$2,340 \$1,950		\$3,000 \$6,000	\$600	\$3,600 \$7,200	\$1,500	ļ	\$1,200		\$2,100 \$900	\$1,850 \$2,450	\$1,050 \$1,350	\$21,140 \$28,250	\$2,550 \$3,400	\$23,690 \$31,650	\$4,050 \$5,400	\$27,740 \$37,050
electric hea			 	6	-		\$500	 	 		 	 	\$3,000	\$1,950	33,000	\$0,000	\$1,∠∪∪	\$1,200			φ1,200		\$300	ψ <u>ε</u> ,400	41,000	ψευ,ευ υ	\$0,700			
Piping				30								\$180			\$1,200	\$5,400						·		\$700	\$400	\$7,700	\$950	\$8,650	\$1,500	\$10,150
	Sub Total		-		-				 	 			\$52,550	\$34,210	\$13,200	\$29,400	\$12,300	\$63,300	\$17,500	 	\$14,700	\$7,500	\$13,500	\$26,200	\$14,550	\$298,910	\$36,450	\$335,360	. \$57,300	\$392,660
	Cap rotar										L		122,230	1	,,,,,,,,,	,,_	7.2,22													
			ļ										6047 700	F270 600	\$30 ECC	804 150	£22.700	\$102.200	\$38 000°	\$3.500	\$10 200	\$10,000	\$84.400	\$68,600	\$34,050	\$1.086.790	\$131,550	\$1,218,340	\$207,650	\$1,425,990
	L		.1			L	Ь		┸	L	1		P411,100	1 93/0,090	1 420,000	μ σ4,1 5U	\$44,10U	j φ103,200	1 330,000	1 49,000	413,200	1 410,000	1 40-1-100	1 400,000	40-1,000	+ 1,000,100	1 + 10 (1000	- 1 = 10 O	, ,20,,000	,

Capital Project Request Form

RDER0310 V.4.06

Request Type: New

Hidden: District Priority: District Ranking: Ministry Priority:

10 JUN 2010 10:06:37

No High

Project No: N/A 'monica schulte' (PRD01) Part A - Project Identification 1. Capital Plan Year: 2010/2011 2. SD Ref. No.: 151 3. Last Modified: Jun. 2, 2010 4. Submitted On: unsubmitted Kootenay Lake

3. 3D 140: 00 0. 3D 14aiile		7. Wurnopality.	C. Asset 140.: 100270		
	•	RS SECONDARY	Facility Type:		
Facility No. 07013 10. Facility Name: L V ROGERS SECONDARY Facility Type: 11. Current: Secondary School 12. Project Description: 12. Project Description: 12. Project Description: 13. Project Description: 14. Project Description: 14. Project Description: 15. Current: Secondary School 12. Proposed: Secondary School 13. Project School 14. Project School 15. Proj					
15. Proj. Type: MAJOR			12. Proposed: Secondary School		
Part B - Capacity, Area Factors	s and Allowances				
Nominal Capacity:	1. Facility No. 1. Facility Name L V ROGERS SECONDARY Facility Type: 1. Current: Secondary School 1. Project Description: 1. Project Description				
1. Actual Existing:	Facility No. 07013 10. Facility Name: L V ROGERS SECONDARY Facility Type: 11. Current: Secondary School 12. Proposed: Secondary School 12. Proposed: Secondary School 12. Proposed: Secondary School 13. Proposed: Secondary School 14. Proposed: Secondary School 15. Proposed: Secondary School 15. Proposed: Secondary School 16. Proposed: Secondary School 1				
2. Capcity Adjustments:	Illy No.: 07013 10. Facility Name:				
·					
-					
•	10 10 10 10 10 10 10 10				
Site Area (ha):	Allowable BuildIng Area (sq.m.				
	Apacity, Area Factors and Allowances Fapacity: Kindergarten Grades 1 - 7 Grades 8 - 12 7. Grade Configuration Existing: 0 0 0 725 9-12 Adjustments: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
•	Capacity: Kindergarten Grades 1 - 7 Grades 8 - 12 7. Grade Configuration It Existing: 0 0 0 0 It Existing: 0 0 0 It Existing: 0 0 0 It Existing: 0 0 0 It Existing: 0 0 0 It Existing: 0 0 0 It Existing: 0 0 0 It Existing: 0 0 0 0 It Existing: 0 0				
	14 Area to be demolished:	0.0 17. Renova			
11. Total New Aera. 0.0	·		tion Unit Rate0		
Construction Cost Factors:			Equipment Allowance (%):		
19. Base Unit Rate: 1065.	State Continguitation Co				
21. Project Size Factor: 1.09	acility No:: 07013				
Part C - Estimated Budget					
			Subtotal		
Site Acquisition:	1. Purchase: 0	2. Other Cost: 0			
Site Development: 4. Developme	ent Cost Charges: 0				
-		0 None	80		
		40 50 4			
10. Au	•	,			
12. Supplei		16. Supplementary Costs:	0		
		17. Other Costs:	0		
Building Costs:	18. Build Total: 0				
Facility and Alberta	24 N				
Contingency:	29. New: 0	30. Renovation:	0 31. 0		
Other: 32. Mechan	nical System Upgrade		33. 1,678,300		
Phases: 34. Site: 0	35. Plan: 0	36. Completion:	1,678,300		
37. Planning Costs in	n Planning Phase: 0	38. In Completion Phase:	0		
Total Esitmated Budget:			39. 1,678,300		

Project No. N/A	Project Title MECHUP - L V ROGER	S SECONDARY		C	apital Plan Year 2010/2011	SD No. SD R	ef. No. 151
Part D - Schedule a	and Funding						
Project Cost Sched	ule: 1. Year: 2. Cost:	Site 2012/2013 0	Planning 2012/2013 0	Completion 2011/2012 1,678,300			
Funding Source:	3. Bylaw Capital:4. Capital Reserve:5. Land Reserve:6. Local Capital:	0 0 0 0	0 0	1,678,300 0 0			
Part E - Approved Phase Status:	Funding 1. Status:	Requested	Requested	Requested			
Approved:	2. Bylaw Capital: 3. Capital Reserve: 4. Land Reserve: 5. Local Capital:	0 0 0 0	0 0	0 0 0 0			
Variance: Net Request:	6. Variance 7. Bylaw Capital:	0	0	1,678,300 1,678,300			
	8. Capital Reserve: 9. Land Reserve: 10. Local Capital:	0 0	0 0	0 0			
Part F - Comment	S						

LV ROGERS SECONDARY SCHOOL

HVAC SYSTEMS ASSESSMENT SCHOOL DISTRICT NO. 8 (Kootenay) Nelson, B.C. May 31, 2010



1.0 Executive Summary

- The existing structure is well maintained and is good shape.
- The school appears to be well utilized.
- Existing HVAC system energy supply can be augmented by a Ground Source heat system fairly simply.
- The school is the largest energy consumer in the district.
- A Ground Source Heat Pump (GSHP) and woodshops upgrade is estimated at \$1,680,000.
- A GSHP will save 142 tonnes of CO2 Per Year

2.0 Description of Existing Building

- Area of Building: 10,080m²
- The building is a combination of 2 and 3 story building more or less contoured to the slopes of Nelson.
- Original Building date late 1960's. Additions were done throughout the 70's. An architectural systems upgrade and gym addition was done in 1995/

3.0 Description of Existing Mechanical Systems

- The bulk of the building is served by a constant volume reheat system. Air handling units supply constant volume tempered ventilation air and reheat function is provided by coils in the supply air ductwork.
- Gymnasium, Fine arts and shops areas are served by individual or combined air handling unit with hydronic heating. Mechanical cooling is not provided.
- These systems were upgraded in 1995. These system are functional and are in good repair.
- The wood shop sawdust collection system employer an older style sawdust collection system that is a housekeeping problem, is undersized and is located inside a enclosure where there is no explosion venting. This will need to be upgrading.

4.0 Recommended Mechanical Upgrade

Ground Source Heat Pump.

 Water to water heat pumps will be used to provide heating effect to the hydronic heating system. A system size of approximately 120 tons will provide 65% to 75% of the building heating loads in the average degree-day year. Ground systems will need to be vertical as there is limited site available. CO2 sensors will be introduced to help minimize the overall fresh air loads.

Shops

Wood shop will be provided with a new sawdust collector. The collector will be of a style where the unit can be located outside and will be reconfigured to recirculate the air back to the building for an energy saving.

5.0 Appendix

- Construction estimates
- Energy and carbon saving calculation.

LV R	ogers Secon	dary - Ver	tical	Grou	ind Sour	ce Heat	Pump ·	- High T	empera	ture Wa	ter to V	ater He	at Pum)													
	T T																										31-May-10
IDENT	Notes	Existing Unit	Qty	Ton	Unit	Unit Costs	Accessori es	Roof Curb	Econo	Damper motor	Unit Costs	Equipmen t Costs	Install	Duct	Insulation	Pipe	Balance, Misc	Controls	Electrical	Roofing	Carpentry	Misc.	Subtotal	HST	Total	FEE & Contingen cy	GRAND TOTAL
GENER	AL SYSTEM UPG	RADE																									
Demoliti	lon.	+	1					-					\$5,000									\$650	\$5,650	\$700	\$6,350	\$1,100	\$7,450
B-SILLENIA		_	$\overline{}$																								
Wood S	hop -		1		collection	\$50,000					\$45,000	\$45,000	\$11,250	\$5,000	\$1,500		\$2,000	\$2,000	\$2,500		\$2,000	\$9,300	\$80,550	\$9,700	\$90,250	\$15,350	\$105,600
CO2 Up	grade		46			\$1,200												\$55,200				\$7,200	\$62,400	\$7,500	\$69,900	\$11,900	\$81,800
			-	\vdash						-																	
	Sub Total											\$45,000	\$16,250	\$5,000	\$1,500		\$2,000	\$57,200	\$2,500		\$2,000	\$17,150	\$148,600	\$17,900	\$166,500	\$28,350	\$194,850
			-																								
GROUN	ID SOURCE HEAT	T PUMP																									
Ground	Heat Exchanger		120			\$5,000										\$600,000						\$78,000	\$678,000	\$81,400	\$759,400	\$129,100	\$888,500
	d ground repair					, , <u>, , , , , , , , , , , , , , , , , </u>																				ļ	
Water to	water Heat pump		3	-	40 ton units	\$88,000						\$264,000	\$66,000		\$5,000	\$2,250	\$750	\$14,400	\$16,500		\$10,000	\$49,300	\$428,200	\$51,400	\$479,600	\$81,550	\$561,150
	irc Pumps		L	Ш		\$1,000										<u> </u>							040.400	*4.500	\$13,600	\$2,350	\$15,950
Major C	irc Pumps		1	\vdash		\$4,000						\$4,000	\$1,000		\$500	\$750	\$250	\$1,200	\$2,500	-	\$500	\$1,400	\$12,100	\$1,500	\$13,000	\$2,300	\$15,850
Connect	tion from mechanic	cal to GSHP	100		4" - Piping						\$80				\$4,000	\$8,000					-	\$1,600	\$13,600	\$1,650	\$15,250	\$2,600	\$17,850
	Sub Total											\$268,000	\$67,000		\$9,500	\$611,000	\$1,000	\$15,600	\$19,000		\$10,500	\$130,300	\$1,131,900	\$135,950	\$1,267,850	\$215,600	\$1,483,450
												0040 000	\$83,250	\$5,000	\$11.000	*****	\$3,000	\$72,800	\$21.500	· ·	\$12,500	\$147.450	\$1,280,500	\$153.850	\$1 434 350	\$243.950	\$1,678,300
<u> </u>	GRAND TOTAL			-								\$313,000 22%	\$83,250 6%	\$5,000	1%	43%	0%	5%	1%		1%	10%	89%	11%	ψ1,404,000	17%	\$1,570,500

	E1	ffective area	10,080	sq m				Cui	rent Enrollme	ent Estimate	800	dents estim	ated TING CON:	SUMPTION					 					
			N	ATURAL GA	s		-					1	ELECTRICIT	Y			-	TOTAL	Α	NNUAL GHG	and ENERG	REDUCTION	is	
GJ	kWhr	Tonne CO2	GJ/sq.m.	kWhr/sq.m	\$	\$/GJ	\$/kWhr	\$/sq.m	GJ	kWhr	Tonne CO2	GJ/sq.m.	kWhr/sq.m	\$	\$/GJ	\$/kWhr	\$/sq.m	Tonne CO2	Tonne Hydro CO2 Saving		% CO2 Saving	Fuel \$ Saving	Hydro \$ Saving	TOTAL \$ Savin
,350	1,208,430	216.0	0.43	120	\$50,000	\$11,49	\$0.041	\$4.96	3,096	860,000	19.0	0.31	85	\$63,000	\$20.35	\$0.073	\$6.25	235.0			·			
												Grou	nd Source	Heat Pum	p				 	_				
									45%	increase Es	timate													
70%	Reduction I	Estimate																TOTAL			and ENERGY			

4,489 1,247,000 27.6 0.45 124 \$91,350 \$20.35 \$0.073 \$9.06

LV Rogers Secondary School

1,305 362,529 64.8 0.13

\$15,000 \$11.49 \$0.041 \$1.49

\$35,000 -\$28,350

\$6,650_

Ministry of Education Resource Mgt. BRITISH COLUMBIA The New Place on Earth

'monica schulte' (PRD01)

Capital Project Request Form

RDER0310 V.4.06

Project No: 116001

Request Type: Update

Hidden: District Priority: District Ranking: Ministry Priority:

No High 4

Capital Plan Year:			2. SD Ref. No.:	202	3. Las	t Modified:	Jun. 2, 2010	4. Submitted	On: unsubmitt	ted
5. SD No. 08	6. SD	Name	Ko	ootenay Lake		7. Municipality:	NEL	SON	8. Asset No.:	100352
9. Facility No.: 07	504	10. Fa	cility Name:	BUS G	ARAGE,DIS	STRICT		Facility Type:		
13. Proj. Cd.: BUSRE	EP		oject Description:	ASSENGER VANS (7	087. 7088	7089.		11. Current:	Maintenar	nce
15. Proj. Type: MINO		4	080)		, , ,	 ,		12. Proposed:	Maintenar	nce
Part B - Capacity,	Area F	actors	and Allowances							
Nominal Capacity:			Kindergart	en Grades 1 - 7	Grade	s 8 - 12	7. Grade C	onfiguration		
1. Actual Existing:				0 0		0	UNK			
2. Capcity Adjustme	ents:			0 0		0				
3. Proposed Higher	Priority	Addition	ns:	0 0		0				
4. Total Existing:				0 0		0				
5. Proposed Addition				0 0		0	0 114117	NI T		
6. Proposed Total (Capcity:		L	0 0		0	8. UNK			
Site Area (ha):			Allowa	ble BuildIng Area (sq.	.m.)			novation Area (se		
9. Required Size:		0.0		tal Allowable Area:	0.0		16. Renovat With Addit	ions Associated	0	
10. Existing Area:		0.0		isting Area:	0.0		17. Renovation		0.00	
11. Total New Aera	a: [0.0		ea to be demolished:	0.0		18. Renovation	n Unit Rate	0	
Construction Cost	Factors:		15. Ar	ea of New Space:	0.0	J		Equipment Allov	wance (%):	
						0.00	IE. 400			0.0
19. Base Unit Rate	=	1100.0			LFA:	0.00 M ound Factor:	IF: 1.00 1.00	24. New Space 25. Freight Allo		609
21. Project Size Fa		1.000	22. Locatio	111 acioi. 2.013	20.010	Janu Factor.	1.00			
Part C - Estimated	Budge	H							Subtotal	
Site Acquisition:			1. Purchase:	0		2. Other Cost:	0		3. <u>0</u>	
Site Development:	4 Doy	elonmo:		0		1				
olie Development:	4. Dev		5. Offsite Costs:	0						
	6. Adiu		e Development:	0	. 0	None			8. 0_	
			plementary Site:	0						
New Construction:			9. New Area:	0.0 R	enovations:	_ 13. Renova	ation Area:	0.00		
		10. Adj	usted Unit Rate:	0.0000	•	- 14. Renovation	Unit Rate:	0		
		Ī	11. Subtotal:	0		15	. Subtotal:	0		
	12.	Supplen	nentary Building:	0		16. Supplement		0		
							her Costs:	0	20	
Building Costs:		1	8. Build Total:	0		19. F Area	Reno Cost: L	0 Illowance	20. 0	
Equipment Allowar	ice.			21	. New Area			0		
			22. Area Entitle	ء ط d to Equipment Repla		0.00	5 6	0		
	eno Fee 0.0000					nent Freight Allo	owance:	0	24. 0	
Fees: 25. Site De	ev.:	0	26. New:	0		27. R	enovation:	0	28. 0	
Contingency:			29. New:	0		30. F	Renovation:	0	31. 0	
Other:	32. E	BUS RE	PLACEMENT						33. 476,0	00
Phone: 34 f	Site:	0	35. Plan:	0		36 (Completion:	476,000		
<u>Phases:</u> 34. \$			Planning Phase:	0		38. In Comple		0		
Total Esitmated Bu	_		ammg i naco.						39. 476,0	00

Project No. [116001	Project Title BUSREP - BUS GARAG	E,DISTRICT			apital Plan Year 2010/2011	SD No. SD R	ef. No.
Part D - Schedule	and Funding						
Project Cost Sched Funding Source:	1. Year: 2. Cost: 3. Bylaw Capital: 4. Capital Reserve: 5. Land Reserve: 6. Local Capital:	Site 2012/2013 0 0 0 0 0 0	Planning 2012/2013 0 0 0 0	Completion 2010/2011 476,000 476,000 0 0			<i>2</i>
Part E - Approved	Funding						
Phase Status:	1. Status:	Requested	Requested	Requested			
Approved:	 Bylaw Capital: Capital Reserve: Land Reserve: Local Capital: 	0 0 0	0 0	0 0 0 0			
Variance:	6. Variance	0	0	476,000			
Net Request:	7. Bylaw Capital:8. Capital Reserve:9. Land Reserve:10. Local Capital:	0 0 0	0 0 0	476,000 0 0 0			
Part F - Comment	S						



Commercial Vehicle Inspection Report

FINAL INSPECTION CONFIRMATION NUMBER 7701486

DECAL EXPIRY DATE

PG45216

31 MAY 2011

WORK ORDER # **Pass** INSPECTION RESULT: Complete INSPECTION TYPE:

INSPECTION DATE 10 MAY 2010 INSPECTION COMPLETE DATE/TIME

10 MAY 2010 13:24

REASON NOTE:

TECHNICIAN NAME:

PHONE #:

INSPECTOR'S NUMBER: M05909-005

REASON FOR INSPECTION:

COLLISION REPAIR FACILITY:

PETERSON, GARY BRUCE

Annual

CARD EXPIRY DATE:

29 FEB 2012

FACILITY NUMBER: FACILITY NAME:

INSPECTOR'S NAME:

P4638-018

WORKING ON BEHALF

OF FACILITY: INSPECTION CLASS:

5 - School Bus

SCHOOL DISTRICT NO. 8

OWNER/ LESSEE: Board of Education of S.D. #8

ADDRESS:

570 Johnstone Rd.

Nelson

PROV: BC

POSTAL V1L6J2

CODE:

REGISTRATION 06312668 NUMBER: 1998

JURISDICTION: MAKE: BLUEBIRD

VEHICLE

NUMBER: 2547CC

MODEL:

YEAR: BODY STYLE:

CITY.

BUS

VIN: 1HVBBAAN2WH594677

BC

ODOMETER:

UNIT/FLEET #: (Optional)

204879 KM

Diesel TYPE:

7087 BRAKE TYPE: Air

"NA" Not Applicable "C" Out Of Service "PC" Passed With Caution "P" Passed "F" Failed "R" Repaired Same Day F R Р PC С Pressure Fuel С Ρ PC NA Liquid Propane Gas Section 1 - Power Train Compressed Natural Gas Pressure Fuel Inspector's Section 2 - Suspension Name & Number Air Brake Chamber Type, Size and Push Rod Stroke Measurement (mm) 2 Section 3 - Hydraulic Brakes Clamp Clamp Type: Size: 16 30 Slack: Auto Auto Section 3A - Air Brakes Left: 32 36 Right: 32 36 Section 4 - Steering Comments: Air Brake Camshaft Rotation Measurement (degrees) Section 5 - Instruments, Auxillary Equipment 5 Axle # Left: 90 80 85 95 Right: Section 6 - Lamps Comments: Brake Lining/Pad Measurement (mm) Section 7 - Electrical System 9 4 5 6 Axle # Type: Lining (S Lining (S eft: 11 12 Section 8 - Body & Frame Repair entrance door weatherstrip Right: 12 12 Comments: Section 9 - Tires & Wheels Rotor/Drum Measurement (mm) 3 5 6 2 Axle # Section 10 - Couplers & Hitches Type: Drum Drum 0 0 eff: Section 10 - Special Use Vehicle Components Right: 0 0 Comments: 1 - drums not removed; 2 - drums not removed General Inspection Comments: Inspector's Name PETERSON, GARY BRUCE Signature

The Inspector's signature above is certification that this vehicle has been inspected to the requirements of the Motor Vehicle Act and Regulations.

NOTICE: KEEP THIS VEHICLE INSPECTION REPORT WITH VEHICLE REGISTRATION



Commercial Vehicle Inspection Report

FINAL INSPECTION **CONFIRMATION NUMBER** 7698368

PLACE DECAL

DECAL EXPIRY DATE

PG 45215

31 MAY 2011

INSPECTION RESULT:

Pass

INSPECTION TYPE:

Complete

WORK ORDER #

INSPECTION DATE 06 MAY 2010 INSPECTION COMPLETE DATE/TIME 06 MAY 2010 15:57

REASON FOR INSPECTION: COLLISION REPAIR FACILITY:

Annual

REASON NOTE: TECHNICIAN NAME:

PHONE #:

INSPECTOR'S NUMBER: M04800-005

INSPECTOR'S NAME:

WORNARDT, KENNETH ARME

SCHOOL DISTRICT NO. 8

CARD EXPIRY DATE:

30 SEP 2011

FACILITY NUMBER:

P4638-018

FACILITY NAME: WORKING ON BEHALF OF FACILITY:

INSPECTION CLASS:

5 - School Bus

OWNER/ LESSEE: **BOARD OF EDUCATION**

ADDRESS:

570 JOHNSTONE ROAD

NELSON

PROV: BC

POSTAL V1L6J2

CODE:

VEHICLE JURISDICTION: PLATE 2549CC NUMBER:

NUMBER: YEAR: BODY STYLE:

CITY:

1998 BUS

MAKE: BLUEBIRD

MODEL:

VIN: 1HVBBAAN4WH594678

ODOMETER:

REGISTRATION 06315781

195788 KM

Diesel

TYPE:

UNIT/FLEET #: (Optional)

7088 BRAKE TYPE: Air

"F" Failed "R" Repaired Same Day	"P" P:		_	_	ed With Caution		Of Service		Applicati	т т	_ 1	_	
	FR	P PC	; c	NA	Pressure Fuel					F	R	P PC	C NA
Section 1 - Power Train			Щ.		Liquid Propane	Gas							
				ı	Compressed Na	itural Gas				Ш	l	!	
Section 2 - Suspension		1	T		Pressure Fuel I		s						
					Name & Number				D. 1041				/\
	-11	1 1			Air Brak vxle #1	e Chambe 2	er Type, Sia 3 4	te and Push 5	i Roa Stroi 6	ke me 7	easu	rement 8	9
Section 3 - Hydraulic Brakes	<u> </u>	<u> </u>		V		amp	_						
						30							
Section 3A - Air Brakes				1[vuto							
						13							
Section 4 - Steering			Τ-	T^{-1}	light: 13 Comments:	13							
Section 4 - Steering					Johnneins.								
		1 1	-			Air Brak	e Camsha	ft Rotation	Measureme	ent (d	legr	es)	
Section 5 - Instruments, Auxillary Equipment					xle# 1	2	3 4		6	7	-	8	9
Section 6 - Lamps						65							
	_	·			Comments:								
		1/	-	т-	**************************************		Brake Lini	ng/Pad Mea	surement	(mm)			
Section 7 - Electrical System		N.			Axle# 1			5		. 7		8	9
			·		Type: Lining (S Lin								
Section 8 - Body & Frame					.eft: 14	14							
					Right: 13	14							
Section 9 - Tires & Wheels	\top				Comments:								
							Potor/F	rum Measu	rement (m	m)			
Continue 40 Complete P. Hildeboo	———	т-т			Axle# 1	2	3 4		6	, 7		8	9
Section 10 - Couplers & Hitches						Orum		_	-				
					_eft: 0	0							
Section 10 - Special Use Vehicle Components	<u></u>	للل			Right: 0	0							
					Comments: 1 - DR	RUMS NOT	REMOVE	D; 2 - DRUN	AS NOT RE	MOV	ED		
·							التنديباتين						
General Inspection Comments:													

Inspector's Name WORNARDT, KENNETH ARMEN

Signature

The Inspector's signature above is certification that this vehicle has been inspected to the requirements of the Motor Vehicle Act and Regulations.

NOTICE: KEEP THIS VEHICLE INSPECTION REPORT WITH VEHICLE REGISTRATION



Commercial Vehicle Inspection Report

FINAL INSPECTION CONFIRMATION NUMBER 7372153



DECAL EXPIRY DATE

PG08882

Diesel

TYPE:

31 JUL 2010

INSPECTION DATE INSPECTION COMPLETE DATE/TIME WORK ORDER # Pass INSPECTION RESULT: 09 JUL 2009 09 JUL 2009 13:49 Complete INSPECTION TYPE: Annual REASON FOR INSPECTION: REASON NOTE: **COLLISION REPAIR FACILITY:** TECHNICIAN NAME: PHONE #: OWNER/ Board of Education of SD # 8 Kootenay Lake INSPECTOR'S NUMBER: M05909-004 LESSEE: INSPECTOR'S NAME: PETERSON, GARY BRUCE 570 Johnstone Rd. ADDRESS: 28 FEB 2010 CARD EXPIRY DATE: PROV: BC POSTAL V1L6J2 Nelson CITY: CODE: NUMBER: P4638-018 VEHICLE FACILITY NUMBER: REGISTRATION 6315933 BC JURISDICTION: NUMBER: **SCHOOL DISTRICT NO. 8** FACILITY NAME: MAKE: BLUEBIRD 1998 YFAR:

WORKING ON BEHALF OF FACILITY: BODY VIN: 1HVBBAAN6WH594679 BUS STYLE: 5 - School Bus INSPECTION CLASS: FUEL

224731 KM ODOMETER: 7089 BRAKE TYPE: Air UNIT/FLEET #:

(Optional)

"PC" Passed With Caution "C" Out Of Service "NA" Not Applicable "R" Repaired Same Day "P" Passed PC C P P PC C Pressure Fuel R NA F R Section 1 - Power Train Liquid Propane Gas Compressed Natural Gas Pressure Fuel Inspector's Section 2 - Suspension Name & Number Air Brake Chamber Type, Size and Push Rod Stroke Measurement (mm) 5 Section 3 - Hydraulic Brakes Type: Clamp Clamp Size: 30 16 Slack: Section 3A - Air Brakes Auto Auto Left: 300 300 Right: 300 300 Section 4 - Steering Comments: Air Brake Camshaft Rotation Measurement (degrees) Section 5 - Instruments, Auxillary Equipment 9 2 Axle # Left: 65 35 Right: 70 35 Section 6 - Lamps Comments: Brake Lining/Pad Measurement (mm) Section 7 - Electrical System 9 Axle # 2 4 5 6 Type: Lining (S Lining (S Section 8 - Body & Frame Left: 150 190 Right: 150 200 Comments: Section 9 - Tires & Wheels Rotor/Drum Measurement (mm) 9 2 Section 10 - Couplers & Hitches Axle # 1 Drum Туре: Drum eft: 0 0 Section 10 - Special Use Vehicle Components Right: 0 0 Comments: 1 - drums not removed; 2 - drums not removed **General Inspection Comments:**

Inspector's Name PETERSON, GARY BRUCE The Inspector's signature above is certification that this vehicle has been inspected to the requirements of the Motor Vehicle Act and Regulations.

Signature

NOTICE: KEEP THIS VEHICLE INSPECTION REPORT WITH VEHICLE REGISTRATION



Commercial Vehicle Vinisity of Inspection Report

FINAL INSPECTION **CONFIRMATION NUMBER**

DECAL EXPIRY DATE

nese received ! Transpor	Fire the state of	125690	76 PG	08865	31 MAR 2010
INSPECTION RESULT:	Pass Complete	WORK ORDER #	INSPECTION DATE 31 MAR 2009		CTION COMPLETE DATE/TIME 1 MAR 2009 13:33
REASON FOR INSPECTION	ı: Annual	REASON I	NOTE:		
COLLISION REPAIR FACIL	ITY:	TECHNICI	AN NAME:	i	PHONE #:
INSPECTOR'S NUMBER:	M10204-005	OWNER/ School I	Dist #8 Kootenay	Lake	
NSPECTOR'S NAME:	HILGER, ROLAND	ADDRESS: 570 Joh	nstone Rd		
CARD EXPIRY DATE:	30 JUN 2010	сіту: Nelson	P	ROV: BC	POSTAL V1L6J2 CODE:
AGIZITTIOMZZIC	P4638-015	REGISTRATION 0413; NUMBER:		LE BO	C PLATE 8072DX NUMBER:
FACILITY NAME:	SCHOOL DISTRICT NO. 8	YEAR: 2000	MAKE: THOMAS		MODEL:
OF FACILITY:	5 - School Bus	BODY STYLE: BUS	VIN: 1HV	BBAAN0Y	H330604
		ODOMETER: 2457	88 KM FUEL TYPE:	Diesel	
		UNIT/FLEET #: ' (Optional)	9080 BRAKE TYPE	: Air	

"F" Failed "R" Repaired Same Da	<u>/ "</u>	P:	asse	d	"PC	" Pas	sed W	/ith	Caut	ion	C.	Out	Of S	ervice	"N	A" Not	Applicab	le					
	F	R	Р	PC	С	NA	Pres	SULE	Fue	ı								F	R	Р	РС	С	NA
Section 1 - Power Train			/	1			Lic	quid	Prop	ane	Gas												/
							Co	mpi	resse	d N	atural	Gas											/
Section 2 - Suspension		T	V	1							Inspe	ctor	s										
							Na	ime	& Nu			b	- T	C'-		Durk	Dad Steel	- 14				/	
Section 3 - Hydraulic Brakes	$\overline{}$	T	$\overline{}$	$\overline{}$	Τ		Axle :	#	1	Вган	e Cha 2	ambe ;	rıyş 3	e, Siz 4	e and	Pusn 5	Rod Strok	7 T	asu	8	ent	(mm)	;
Geodon 9 - Hydrauno Brakes						•	Type:				lamp												
		1	17	4	1		Size: Slack:		16		30L												
Section 3A - Air Brakes		1	V	L		_	Left:		uto 35	,	Auto 38												
							Right:		33		39												
Section 4 - Steering		_	/	1_	<u> </u>	<u>L_</u>	Comr	nent	s:														
Section 5 - Instruments, Auxillary Equipment	T	V	1					,	_						Rota		easureme		legr	ees)		,	
Replace Driver's wiper switch							Axle #		1 70		2 85		3	4		5	6	7		8		9	,
		7		4	T		Right:		70		85												
Section 6 - Lamps	L		V		-	_	Comr	nent	ts:														
					_	_												_					
Section 7 - Electrical System	L		/	1	1		Axle :	ш	1		2		Brak 3	e Linin 4	ig/Pac	Meas 5	urement (mm) 7		8			9
									•	S Lir	ning (S		3	4		5	0	'		0		,	,
Section 8 - Body & Frame		1	V	1	L	Ш.	Left:		14		13												
							Right		14		13												
Section 9 - Tires & Wheels	т_	Т	Т	Т	Т	Т	Com	men	ts:														
Tighten RR wheel wheel nuts; bleeding	_						<u> </u>											<u>, </u>					
<u></u>		_	_	$\overline{}$	_		Axle	ш	1		2		3 R	otor/Dr 4	rum M	easur 5	ement (mi 6	Π) 7		ε	,		9
Section 10 - Couplers & Hitches	L			1_			Type:				Drum		3	4		5	0	'		•	•		3
						_	Left:		0		0												
Section 10 - Special Use Vehicle Components	L	\perp				~	Right	:	0		0												
							Com	men	ts: 1 ·	- dn	ums no	ot pul	ed; 2	- drum	ns not	pulled							
							<u> </u>			_											_		
General Inspection Comments:																							
l																							
																					_		

Inspector's Name HILGER, ROLAND

Signature

The Inspector's signature above is certification that this vehicle has been inspected to the requirements of the Motor Vehicle Act and Regulations.

NOTICE: KEEP THIS VEHICLE INSPECTION REPORT WITH VEHICLE REGISTRATION

The information on this form is collected under the authority of the Motor Vehicle Act, Section 217. The information will be used to process your vehicle inspection. If you have any questions please call 250-952-0577 or visit our website at www.th.gov.bc.ca/cvse



Ministry of Education Resource Mgt.

CP2 - Five Year Capital Plan Summary

10 JUN 2010 10:06:52 monica schulte (PRD01)

Version: rder0320.05

School District: 08 Kootenay Lake

Capital Plan Year: 2010/2011

Capital Plan Submission Date:

Unsubmitted

Existing Priority		School District Reference No.	Project Title	Year One	Year Two	Year Three	Year Four	Year Five	Total Funding
1	116036	100	REPLACE - TRAFALGAR MIDDLE SCHOOL TRAFALGAR ELEMENTARY/MIDDLE SCHOOL	\$0	\$0	\$26,552,231	\$0	\$0	\$26,552,231
2	N/A	150	MECHUP - HUME ELEMENTARY SCHOOL HUME MECHANICAL SYSTEM UPGRADE	\$1,425,990	\$0	\$0	\$0	\$0	\$1,425,990
3	N/A	151	MECHUP - L V ROGERS SECONDARY LV ROGERS MECHANICAL SYSTEM UPGRADE	\$0	\$1,678,300	\$0	\$0	\$0	\$1,678,300
4	116001	202	BUSREP - REPLACEMENT SCHOOL BUS REPLACE 4 - 72 PASSENGER VANS (7087, 7088, 7089, 9080)	\$476,000	\$0	\$0	\$0	\$0	\$476,000
5	116002	203	BUSREP - REPLACEMENT SCHOOL BUS REPLACE 3 - 72 PASSENGER BUSES (9081, 9082, 0081)	\$0	\$357,000	\$0	\$0	\$0	\$357,000
6	116003	204	BUSREP - REPLACEMENT SCHOOL BUS REPLACE 4 - 72 PASSENGER BUSES (0082, 0083, 1080, 1081)	\$0	\$0	\$476,000	\$0	\$0	\$476,000
7	116013	205	BUSREP - REPLACEMENT SCHOOL BUS REPLACE 4 - 72 PASSENGER BUSES (1082, 1083, 2080, 2081)	\$0	\$0	\$0	\$476,000	\$0	\$476,000
8	N/A	206	BUSREP - REPLACEMENT SCHOOL BUS REPLACE 4 - 72 PASSENGER BUSES (2082, 2083, 2084, 2085)	\$0	\$0	\$0	\$0	\$476,000	\$476,000
·			Total:	\$1,901,990	\$2,035,300	\$27,028,231	\$476,000	\$476,000	\$31,917,521

Report Name:

RDER0330

Report Title:

School District Summary of Capacities and Projected Enrolment

Purpose:

Report 10 years of forecasted enrolments (source 1558 report) and 2 years actual enrollments for the selected capital plan year.

Selection Parameters:

School District:

08 Kootenay Lake

Capital Plan Year:

2010/2011

Source Forms: Ministry of Education: form 1701		Ministry Projections	Ministry Actuals									
Inclusion/Exclusion: Standard School	(type 0)	included	included									
Continuing Education	(type 1)	excluded	included									
Distance Education Schools	(type 2)	excluded	excluded									
Alternate Program/School	(type 3)	included	included									
Provincial School (Jericho Hill)	(type 4)	included	included									
Youth Custody/Residential Attendance Centre	(type 5)	included	included									
Short Term Provincial Resource Programs	(type 6)	included	included									
Long Term Provincial Resource Programs	(type 7)	included	included									
Electronic Delivery Programs	(type 8)	included	included									
Home School Regist Non- open Schools (closed or res Students Younger Than Scho	Open Independent Schools Home School Registrations Non- open Schools (closed or reserved) Students Younger Than School Age Students Older Than School Age											

School District Summary of Capacities and Projected Enrolments

10 JUN 2010 10:41:14

RDER0330 (R6.0.7)

'monica schulte' (PRD01)

		Capital Pla	n Year: 20°	10/2011		School Distri	ct:	08 Koote	enay Lak	е					Class	Size:	E38E	21S25
		······································				Act	ual Enrol	ment			Fo	recast E	nrolme	nts				
Facility No.	School Name	Facility Status	Opening Date		Nominal Capacity	Operating Capacity	2007/ 2008	2008/ 2009	2009/ 2010	2010/ 2011	2011/ 2012	2012/ 2013	2013/ 2014	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018	2018/ 2019
Comments	COLLINSON ELEMENTAR June 30th, 2008	Y CLOSED	09/01/1963	K-6 K E S	40 100	38 K-H 92 E	11 43											
86004 AD/ Comments	AM ROBERTSON ELEMEN	TARY OPEN	09/01/1938	K-7 K E S	40 475	38 K-F K-H 442 E	38 330	41 344	35 345	35 345	38 344	37 344	38 343	38 342	38 345	38 350	38 350	38 360
Comments	to K-5 July 1/08	HOOL OPEN	09/01/1962	2 K-5 K E S	40 100	K-F 38 K-H 90 E	12 97	12 86	21 84	21 84	23 84	24 83	26 82	30 83	35 88	38 89	38 90	38 90
07033 BRI Comments	ENT KENNEDY ELEMENTA	ARY OPEN	09/01/1977	7 K-6 K E S		38 K-F 184 E	32 192	33 193	33 197	33 196	38 190	37 185	38 180	38 179	38 180	38 182	38 184	38 184
86014 CAI	NYON/LISTER ELEMENTAI	RY OPEN	09/01/196	1 K-7 K E S		38 K-F 38 K-H 162 E	11 83	11 90	19 95	19 95	22 94	23 94	22 93	24 93	31 93	35 93	38 93	38 100
Comments	NTINUING ED SD 08 in Central Elementary	OPEN	09/01/199	3 8-12 K E S		K-F K-H E S												

The Best Place on Earth

School District Summary of Capacities and Projected Enrolments

10 JUN 2010 10:41:14

RDER0330 (R6.0.7) 'monica schulte' (PRD01)

Class Size: E38E21S25 08 Kootenay Lake Capital Plan Year: 2010/2011 **School District: Forecast Enrolments Actual Enrolment** 2014/ 2015/ 2016/ 2017/ 2018/ Facility Facility Openina Grade Nominal Operating 2007/ 2008/ 2009/ 2010/ 2011/ 2012/ 2013/ 2017 2018 2019 Config Capacity 2013 2014 2015 2016 **School Name** Capacity 2008 2009 2010 2011 2012 Status Date No. PROPOSED K-12 08001 CRAWFORD BAY ELEM-SEC N/A K-F Comments 40 38 K-H 49 50 51 55 45 45 48 Ε 75 69 Е 38 75 33 40 40 38 38 38 38 38 38 75 s 86006 CRAWFORD BAY ELEM-SEC (OLD) OPEN 09/01/1947 K-12 Comments 40 38 K-H Κ 46 50 53 E ^ 50 Ε 75 75 S 44 43 **OPEN** ERICKSON ELEMENTARY 09/01/1996 K-7 K-F Comments 27 28 35 36 38 22 21 22 23 25 26 40 K-H 174 174 174 174 174 174 186 171 173 Ε 200 186 Е 162 182 174 s s 07028 GORDON SARGENT PRIMARY SC CLOSED 09/01/1971 K-3 K-F Comments K-H 20 Ε 75 63 Ε 39 Closing June 30th, 2008 s S OPEN HOMELINK CENTER 09/01/1964 K-12 86016 K-F Comments 38 40 K-H Ε 200 186 E CONSOLIDATED INTO SD 8 CONNECT EFFECTIVE JULY 1, 2007 S OPEN 09/01/1920 K-5 HUME ELEMENTARY SCHOOL K-F Comments 38 36 35 35 35 35 33 34 34 40 38 K-H 14 143 142 143 148 150 150 250 226 193 151 148 147 147 146 E Ε Changing to K-5 July 1/08

The Best Place so Earth

School District Summary of Capacities and Projected Enrolments

10 JUN 2010 10:41:14

RDER0330 (R6.0.7) 'monica schulte' (PRD01)

Capital Plan Year: 2010/2011 School District: 08 Kootenay Lake Class Size: E38E21S25 **Actual Enrolment Forecast Enrolments** Facility Facility Opening Grade Nominal Operating 2007/ 2008/ 2009/ 2010/ 2011/ 2012/ 2013/ 2014/ 2015/ 2016/ 2017/ 2018/ No. School Name Status Date Capacity Config Capacity 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 86018 UV HUMPHRIES ELEM -SECONDA OPEN 09/01/1994 K-12 Comments K-F 21 38 13 21 18 17 18 K-H 18 18 18 18 18 Ε 200 186 Ε 138 123 130 130 130 130 130 130 140 140 141 141 150 150 s 164 142 135 135 126 S 114 117 120 119 119 115 86005 JEWETT ELEMENTARY **OPEN** 09/01/1946 K-7 Comments K-F 38 K-H Ε 75 69 Ε 15 22 21 23 23 22 22 22 23 24 24 24 s 99070 KOOTENAY LAKE LEARNING CEN OPEN 09/01/1995 8-12 Comments K-F Е Ε s s OPEN 07013 L V ROGERS SECONDARY 09/01/1956 9-12 Comments K-F K-H Changing to 9-12 July 1/08 Ε Ε 725 725 s s 792 778 764 742 606 739 735 07025 MOUNT SENTINEL SECONDARY **OPEN** 09/01/1950 7-12 Comments K-F K-H Ε 50 50 Ε 50 55 42 51 51 350 350 351 333 290. S S 326 310 280 270 280 285 295 295 PRINCE CHARLES SECONDARY OPEN 09/01/1983 8-12 Comments K-F K-H Ε Ε s 725 596 536 564 550 525 725 s 540 540 540