Your Future in MIND

MINISTIK SCHOOL REPORT

MINISTIK SCHOOL BACKGROUND

Principal: *Bill Suter*

21246 Highway 14, Sherwood Park AB T8A 0R1

780.662.2478

www.ministikschool.ca

School Mission Statement
Our school mission is to prepare our students to be independent, creative and co-operative members of society.

School Vision Statement
Our vision for our students is that they understand how they learn and they apply that knowledge to enrich their lives while growing their intellect.

School Motto

ministikschool

from deep roots to free flight

Ministik School is the designated elementary school for Elk Island Public Schools' (EIPS) students living south of Township Road 514 and east of Range Road 223 within Strathcona County. The school is located at 21246 Highway 14.

The Ministik School District was established on April 13, 1908. In 1950, the Government of Alberta started a program of consolidation of schools. Because of its central location in the southeast part of the school division, Ministik was chosen as the site for a new facility which consolidated schools in South Cooking Lake, North Cooking Lake, Deville and Hastings Lake.

On April 9, 1951 approval was given for a new site and the current building opened in 1951 as a Grade 1 to 9 school with 124 students and four professional staff. The first kindergarten class was taught in 1985. In 1986, two portables were added and in 1993 a new gymnasium opened. Another portable was added in 1994. In 1998, Strathcona County shut down the Ministik School playground because of it being unsafe.

In 2008, Ministik School celebrated its 100 anniversary and a new playground grand opening. The event included greetings from Dave Quest, a member of the legislative assembly of Alberta, Board Chair Bonnie Riddell and Superintendent Egbert Stang.

The current building is 65 years old and the portables are 41 years old.

The area of Ministik falls within the development of the Beaver Hills Moraine/Cooking Lake (UNESCO biosphere). The area follows a policy which limits future development to two parcels of land per quarter section. There is no new planned development in the area.

For more information, refer to the Area Structure Plans listed below for further information:
http://www.strathcona.ca/files/files/at-pds-asp-south-cooking-lake-28-2014.pdf
http://www.strathcona.ca/files/files/attachment-pds-asp-suntree-81-91.pdf

MINISTIK SCHOOL CLASS CONFIGURATIONS AND PROGRAMMING HIGHLIGHTS

Ministik School has six classes of students from ECS to grade six. As of September 30, 2016, 125 students were in attendance at the school.

One ECS class – 11 students
One Grade 1 class – 21 students
One Grade 2 class – 20 students
One Grades 3 and four class – 25 students (17 are in grade three and eight are in grade four)
One Grades 4 and 5 class – 26 students (15 are in grade four and 11 are in grade five)
One Grade 6 class – 22 students

Regular programming is provided to all students by a professional and caring staff. All special needs are addressed by regular classroom teachers and support staff, who are in turn supported by the school counsellor and school administration. Ministik School does not have any system or alternative programs.

All students in grades 2 - 6 have a Chromebook assigned to them for their personal use. There are 55 iPads available for use by students in all grades. Technology an important tool which is meaningfully used in assisting students achieve their best.

Ministik School parents are involved in the education of their children. The school council and parent association work with school administration to provide input into decision making, support to teaching and learning and the overall educational experience that their children receive.

STUDENT ACHIEVEMENT

In the region of Strathcona County immediately east and southeast of Sherwood Park, EIPS has three K-6 schools—École Élementaire Ardrossan Elementary, Ministik School, Wye Elementary and one K-9 school—Fultonvale Elementary/Junior High.

GRADE 6 PROVINCIAL ACHIEVEMENT TEST COMPARISON: STUDENTS ACHIEVING ACCEPTABLE STANDARD (2012–2016)

A five-year analysis of Provincial Achievement Test (PAT) data shows Grade 6 achievement results range between 80 per cent and 88 per cent between the four schools, with the highest number of students achieving the acceptable standard on PATs at Ministik School.

TABLE 1: GRADE 6 PROVINCIAL ACHIEVEMENT TEST COMPARISON-STUDENTS ACHIEVING ACCEPTABLE STANDARD (2012-2016)

EIPS SCHOOL	5 YEAR PAT AVERAGE ELA 6	5 YEAR PAT AVERAGE MATH 6	5 YEAR PAT AVERAGE SCIENCE 6	5 YEAR PAT AVERAGE SOCIAL 6	5 YEAR PAT AVERAGE OVERALL
École Élementaire Ardrossan Elementary	91%	78%	82%	72%	**81%**
Fultonvale Elementary Junior High	89%	85%	88%	83%	**86%**
Ministik School *	94%	85%	88%	85%	**88%**
Uncas Elementary	83%	76%	84%	76%	**80%**

*Ministik School averages are based on two years of data. In 2012, 2013 and 2014 less than six Ministik School students wrote the PATs; thus the data was suppressed by Alberta Education.

ACCOUNTABILITY PILLAR: ANNUAL EDUCATION RESULTS REPORT (OCTOBER 2016)

TABLE 2: MINISTIK SCHOOL ACCOUNTABILITY PILLAR-ANNUAL EDUCATION RESULTS, OCTOBER 2016

Accountability Pillar Overall Summary
Annual Education Results Reports - Oct 2016
School: 3318 Ministik School

Alberta Government

Measure Category	Measure Category Evaluation	Measure	Ministik School			Alberta			Measure Evaluation		
			Current Result	Prev Year Result	Prev 3 Year Average	Current Result	Prev Year Result	Prev 3 Year Average	Achievement	Improvement	Overall
Safe and Caring Schools	Excellent	Safe and Caring	**91.4**	90.0	88.3	**89.5**	89.2	89.1	Very High	Maintained	Excellent
Student Learning Opportunities	n/a	Program of Studies	**89.3**	92.0	93.3	**81.9**	81.3	81.4	Very High	Maintained	Excellent
		Education Quality	**95.2**	97.0	94.5	**90.1**	89.5	89.5	Very High	Maintained	Excellent
		Drop Out Rate	**n/a**	n/a	n/a	**3.2**	3.5	3.5	n/a	n/a	n/a
		High School Completion Rate (3 yr)	**n/a**	n/a	n/a	**76.5**	76.5	75.5	n/a	n/a	n/a
Student Learning Achievement (Grades K-9)	Excellent	PAT: Acceptable	**84.4**	91.2	70.9	**73.6**	72.9	73.4	High	Maintained	Good
		PAT: Excellence	**31.3**	30.9	23.4	**19.4**	18.8	18.6	Very High	Maintained	Excellent
Student Learning Achievement (Grades 10-12)	n/a	Diploma: Acceptable	**n/a**	n/a	n/a	**85.0**	85.2	85.1	n/a	n/a	n/a
		Diploma: Excellence	**n/a**	n/a	n/a	**21.0**	21.0	20.5	n/a	n/a	n/a
		Diploma Exam Participation Rate (4+ Exams)	**n/a**	n/a	n/a	**54.6**	54.4	53.5	n/a	n/a	n/a
		Rutherford Scholarship Eligibility Rate	**n/a**	n/a	n/a	**60.8**	n/a	n/a	n/a	n/a	n/a
Preparation for Lifelong Learning, World of Work, Citizenship	n/a	Transition Rate (6 yr)	**n/a**	n/a	n/a	**59.4**	59.7	59.3	n/a	n/a	n/a
		Work Preparation	**95.0**	97.2	90.6	**82.6**	82.0	81.1	Very High	Maintained	Excellent
		Citizenship	**93.3**	91.4	86.9	**83.9**	83.5	83.4	Very High	Improved	Excellent
Parental Involvement	Excellent	Parental Involvement	**87.0**	92.0	96.1	**80.9**	80.7	80.5	Very High	Maintained	Excellent
Continuous Improvement	Excellent	School Improvement	**89.0**	83.1	88.2	**81.2**	79.6	80.0	Very High	Maintained	Excellent

TABLE 3: ÉCOLE ÉLEMENTAIRE ARDROSSAN ELEMENTARY SCHOOL ACCOUNTABILITY PILLAR: ANNUAL EDUCATION RESULTS REPORT (OCTOBER 2016)

Accountability Pillar Overall Summary
Annual Education Results Reports - Oct 2016
School: 3303 Ecole Elementaire Ardrossan Elementary School

Measure Category	Measure Category Evaluation	Measure	Ecole Elemenatire Ardrossan			Alberta			Measure Evaluation		
			Current Result	Prev Year Result	Prev 3 Year Average	Current Result	Prev Year Result	Prev 3 Year Average	Achievement	Improvement	Overall
Safe and Caring Schools	Excellent	Safe and Caring	**91.0**	84.8	87.7	**89.5**	89.2	89.1	Very High	Maintained	Excellent
Student Learning Opportunities	n/a	Program of Studies	**87.1**	86.5	85.9	**81.9**	81.3	81.4	Very High	Maintained	Excellent
		Education Quality	**94.6**	94.0	92.3	**90.1**	89.5	89.5	Very High	Maintained	Excellent
		Drop Out Rate	**n/a**	n/a	n/a	**3.2**	3.5	3.5	n/a	n/a	n/a
		High School Completion Rate (3 yr)	**n/a**	n/a	n/a	**76.5**	76.5	75.5	n/a	n/a	n/a
Student Learning Achievement (Grades K-9)	Good	PAT: Acceptable	**85.9**	77.1	79.9	**73.6**	72.9	73.4	Very High	Improved	Excellent
		PAT: Excellence	**18.7**	8.9	14.5	**19.4**	18.8	18.6	Intermediate	Maintained	Acceptable
Student Learning Achievement (Grades 10-12)	n/a	Diploma: Acceptable	**n/a**	n/a	n/a	**85.0**	85.2	85.1	n/a	n/a	n/a
		Diploma: Excellence	**n/a**	n/a	n/a	**21.0**	21.0	20.5	n/a	n/a	n/a
		Diploma Exam Participation Rate (4+ Exams)	**n/a**	n/a	n/a	**54.6**	54.4	53.5	n/a	n/a	n/a
		Rutherford Scholarship Eligibility Rate	**n/a**	n/a	n/a	**60.8**	n/a	n/a	n/a	n/a	n/a
Preparation for Lifelong Learning, World of Work, Citizenship	n/a	Transition Rate (6 yr)	**n/a**	n/a	n/a	**59.4**	59.7	59.3	n/a	n/a	n/a
		Work Preparation	**83.1**	82.4	78.6	**82.6**	82.0	81.1	High	Maintained	Good
		Citizenship	**83.6**	76.4	82.3	**83.9**	83.5	83.4	Very High	Maintained	Excellent
Parental Involvement	Good	Parental Involvement	**78.7**	73.8	73.9	**80.9**	80.7	80.5	High	Maintained	Good
Continuous Improvement	Excellent	School Improvement	**86.8**	79.9	78.6	**81.2**	79.6	80.0	Very High	Improved	Excellent

TABLE 4: FULTONVALE ELEMENTARY JUNIOR HIGH SCHOOL ACCOUNTABILITY PILLAR: ANNUAL EDUCATION RESULTS REPORT (OCTOBER 2016)

Accountability Pillar Overall Summary
Annual Education Results Reports - Oct 2016
School: 3335 Fultonvale Elementary Junior High School

Alberta Government

Measure Category	Measure Category Evaluation	Measure	Fultonvale Elem./Jr. School			Alberta			Measure Evaluation		
			Current Result	Prev Year Result	Prev 3 Year Average	Current Result	Prev Year Result	Prev 3 Year Average	Achievement	Improvement	Overall
Safe and Caring Schools	Excellent	Safe and Caring	**89.9**	92.0	92.5	**89.5**	89.2	89.1	Very High	Maintained	Excellent
Student Learning Opportunities	n/a	Program of Studies	**88.7**	89.4	89.6	**81.9**	81.3	81.4	Very High	Maintained	Excellent
		Education Quality	**90.4**	91.6	93.2	**90.1**	89.5	89.5	Very High	Maintained	Excellent
		Drop Out Rate	**0.0**	0.0	0.0	**3.2**	3.5	3.5	Very High	Maintained	Excellent
		High School Completion Rate (3 yr)	**n/a**	n/a	n/a	**76.5**	76.5	75.5	n/a	n/a	n/a
Student Learning Achievement (Grades K-9)	Excellent	PAT: Acceptable	**82.2**	86.1	85.8	**73.6**	72.9	73.4	High	Maintained	Good
		PAT: Excellence	**33.9**	32.8	32.0	**19.4**	18.8	18.6	Very High	Maintained	Excellent
Student Learning Achievement (Grades 10-12)	n/a	Diploma: Acceptable	**n/a**	n/a	n/a	**85.0**	85.2	85.1	n/a	n/a	n/a
		Diploma: Excellence	**n/a**	n/a	n/a	**21.0**	21.0	20.5	n/a	n/a	n/a
		Diploma Exam Participation Rate (4+ Exams)	**n/a**	n/a	n/a	**54.6**	54.4	53.5	n/a	n/a	n/a
		Rutherford Scholarship Eligibility Rate	**n/a**	n/a	n/a	**60.8**	n/a	n/a	n/a	n/a	n/a
Preparation for Lifelong Learning, World of Work, Citizenship	n/a	Transition Rate (6 yr)	**n/a**	n/a	n/a	**59.4**	59.7	59.3	n/a	n/a	n/a
		Work Preparation	**85.2**	87.5	82.7	**82.6**	82.0	81.1	High	Maintained	Good
		Citizenship	**89.2**	89.1	88.7	**83.9**	83.5	83.4	Very High	Maintained	Excellent
Parental Involvement	Good	Parental Involvement	**82.1**	83.9	85.9	**80.9**	80.7	80.5	High	Maintained	Good
Continuous Improvement	Excellent	School Improvement	**89.3**	76.4	82.7	**81.2**	79.6	80.0	Very High	Improved	Excellent

TABLE 5: UNCAS ELEMENTARY SCHOOL ACCOUNTABILITY PILLAR: ANNUAL EDUCATION RESULTS (OCTOBER 2016)

Accountability Pillar Overall Summary
Annual Education Results Reports - Oct 2016
School: 3304 Uncas Elementary School

Alberta Government

Measure Category	Measure Category Evaluation	Measure	Uncas Elementary School			Alberta			Measure Evaluation		
			Current Result	Prev Year Result	Prev 3 Year Average	Current Result	Prev Year Result	Prev 3 Year Average	Achievement	Improvement	Overall
Safe and Caring Schools	Excellent	Safe and Caring	**90.9**	83.5	82.1	**89.5**	89.2	89.1	Very High	Improved	Excellent
Student Learning Opportunities	n/a	Program of Studies	**85.2**	91.5	85.5	**81.9**	81.3	81.4	Very High	Maintained	Excellent
		Education Quality	**95.9**	89.9	88.5	**90.1**	89.5	89.5	Very High	Improved	Excellent
		Drop Out Rate	**n/a**	n/a	n/a	**3.2**	3.5	3.5	n/a	n/a	n/a
		High School Completion Rate (3 yr)	**n/a**	n/a	n/a	**76.5**	76.5	75.5	n/a	n/a	n/a
Student Learning Achievement (Grades K-9)	Good	PAT: Acceptable	**82.4**	76.1	82.0	**73.6**	72.9	73.4	High	Maintained	Good
		PAT: Excellence	**14.8**	27.3	24.4	**19.4**	18.8	18.6	Intermediate	Maintained	Acceptable
Student Learning Achievement (Grades 10-12)	n/a	Diploma: Acceptable	**n/a**	n/a	n/a	**85.0**	85.2	85.1	n/a	n/a	n/a
		Diploma: Excellence	**n/a**	n/a	n/a	**21.0**	21.0	20.5	n/a	n/a	n/a
		Diploma Exam Participation Rate (4+ Exams)	**n/a**	n/a	n/a	**54.6**	54.4	53.5	n/a	n/a	n/a
		Rutherford Scholarship Eligibility Rate	**n/a**	n/a	n/a	**60.8**	n/a	n/a	n/a	n/a	n/a
Preparation for Lifelong Learning, World of Work, Citizenship	n/a	Transition Rate (6 yr)	**n/a**	n/a	n/a	**59.4**	59.7	59.3	n/a	n/a	n/a
		Work Preparation	**93.8**	84.6	65.9	**82.6**	82.0	81.1	Very High	Improved Significantly	Excellent
		Citizenship	**85.3**	87.6	82.7	**83.9**	83.5	83.4	Very High	Maintained	Excellent
Parental Involvement	Excellent	Parental Involvement	**90.8**	86.4	76.1	**80.9**	80.7	80.5	Very High	Improved	Excellent
Continuous Improvement	Excellent	School Improvement	**91.0**	80.3	76.4	**81.2**	79.6	80.0	Very High	Improved Significantly	Excellent

GRADES 4-6 ACCOUNTABILITY PILLAR SURVEY COMPARISON: STUDENT RESULTS (2012-2016)

A five-year analysis of the Safe and Caring measure and the Education Quality measure from the Accountability Pillar Survey shows that Fultonvale Elementary Junior High has the greatest percentage of students who indicate they are in a safe and caring environment and feel satisfied with their quality of education.

TABLE 6: GRADES 4-6 ACCOUNTABILITY PILLAR SURVEY COMPARISON: STUDENT RESULTS (2012–2016)

EIPS School	5 Year Safe and Caring Average	5-Year Education Quality Average
	Students in agreement they are safe at school, learning the importance of caring for others, learning respect for others and treated fairly in school	Students satisfied with the overall quality of basic education
École Élementaire Ardrossan Elementary	78%	95%
Fultonvale Elementary Junior High	87%	98%
Ministik School	81%	95%
Uncas Elementary	80%	91%

TABLE 7: CLASS SIZE COMPARISON (2013–2016)

EIPS School	Grade K-3 3 Year Average	Grade 4-6 3 Year Average
École Élementaire Ardrossan Elementary	22.6	22.7
Fultonvale Elementary Junior High	19.7	23.0
Ministik Elementary	17.2	17.6
Uncas Elementary	19.0	22.3

IMPACT OF STUDENT TRANSITION

Transitioning from school to school brings a different facility, unfamiliar teachers and administrators, new groups of friendships and classmates, another culture and different expectations. Research suggests when students move to another school, they may experience a drop in academic achievement and that the fewer transitions from grades K-12, the better chance a student has of completing high school.

MINISTIK SCHOOL ATTENDANCE BOUNDARY DEMOGRAPHICS, TRENDS AND STUDENT ENROLMENT PROJECTIONS

POPULATION DEMOGRAPHICS

FIGURE 1: NUMBER OF YOUTH WHO RESIDE IN THE ATTENDANCE AREA OF MINISTIK SCHOOL 2010–2018[1]

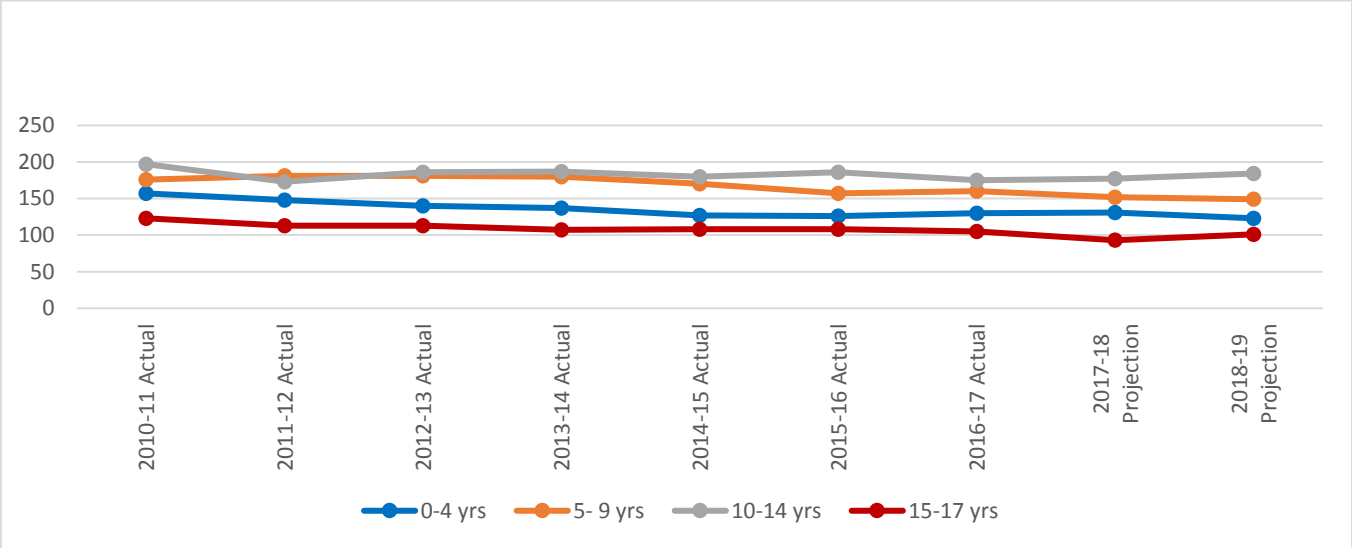


TABLE 8: NUMBER OF YOUTH WHO RESIDE IN THE ATTENDANCE AREA OF MINISTIK SCHOOL 2010–2018[2]

AGE	2010-11 ACTUAL	2011-12 ACTUAL	2012-13 ACTUAL	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 ACTUAL	2017-18 PROJECTION	2018-19 PROJECTION
0	31	24	21	35	16	24	25	27	27
1	29	32	23	21	31	18	25	24	26
2	37	26	32	23	25	33	20	25	24
3	30	36	29	32	26	25	35	20	26
4	30	30	35	26	29	26	25	35	20
5	40	32	28	34	27	27	25	25	35
6	36	45	35	31	36	27	30	25	26
7	33	37	43	32	32	38	30	31	26
8	34	36	40	44	33	31	40	31	31
9	33	31	35	39	42	34	35	40	31
10	34	32	34	37	36	45	30	36	41
11	49	29	36	33	38	34	45	31	36
12	36	45	31	37	34	36	30	45	31
13	33	36	45	34	39	35	35	31	46
14	45	31	40	46	33	36	35	34	30
15	41	42	31	36	45	29	35	34	33
16	38	36	47	28	35	47	25	34	34
17	44	35	35	43	28	32	45	25	34
NO.	**653**	**615**	**620**	**611**	**585**	**577**	**570**	**553**	**557**

1, 2 Source: "Demographic Dynamics," Baragar Enterprise, 2016

SCHOOL DEMOGRAPHIC DATA

FIGURE 2: MINISTIK SCHOOL ENROLMENT 2010–2019[3]

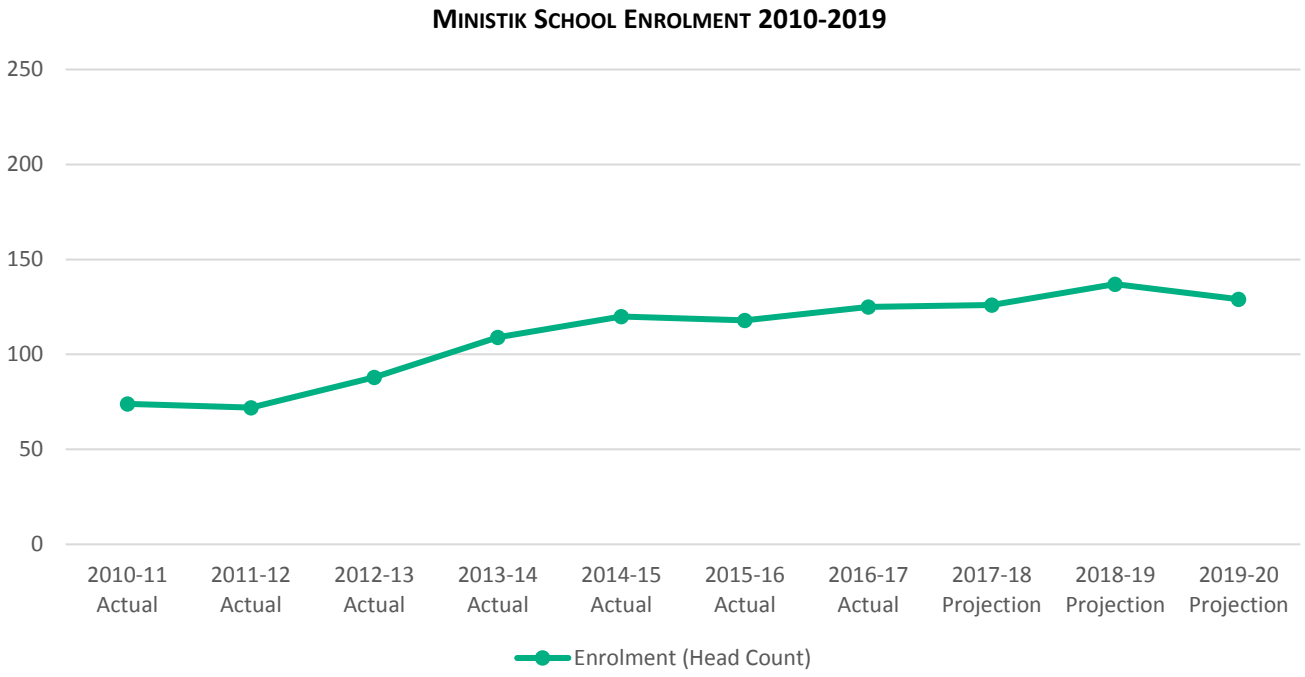
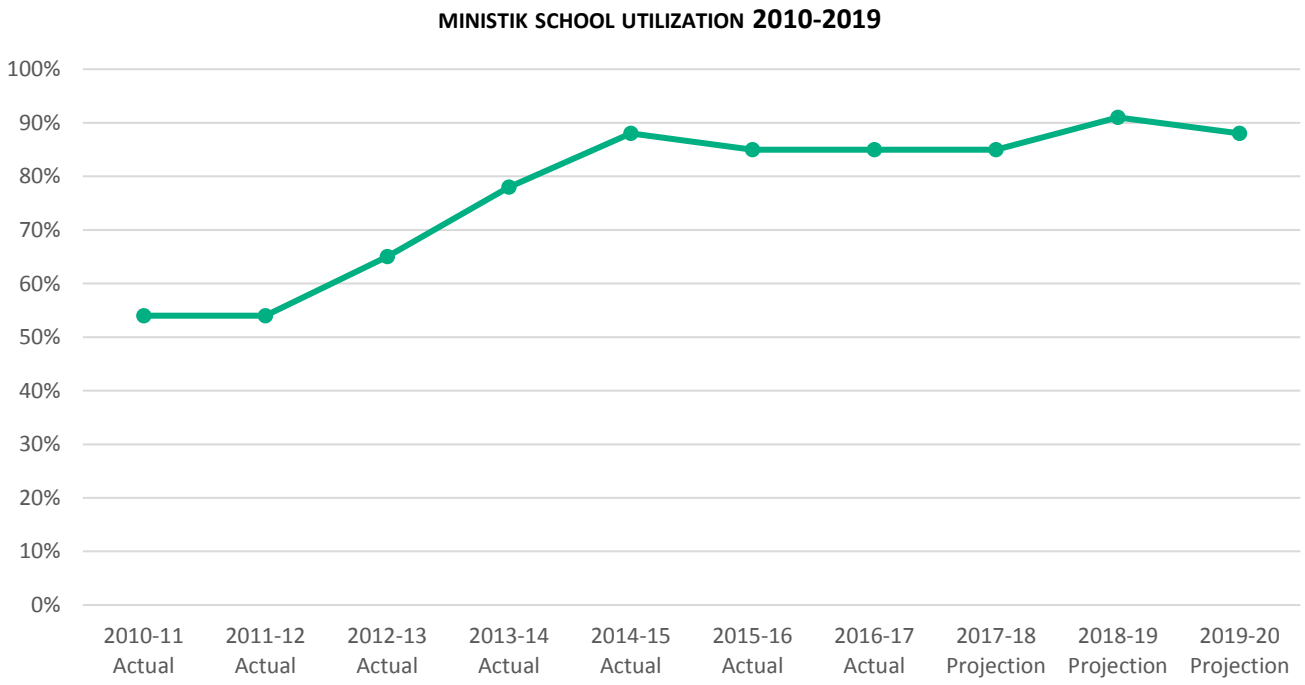


FIGURE 3: MINISTIK SCHOOL UTILIZATION RATES 2010-2019[4]



3, 4 Source: "Demographic Dynamics." Baragar Enterprise, 2016

TABLE 9: MINISTIK SCHOOL ENROLMENT AND UTILIZATION RATES 2010–2019[5]

MINISTIK SCHOOL (CAPACITY = 139)	ENROLMENT (HEAD COUNT)	UTILIZATION (%)
2010–11 Actual	74	54%*
2011–12 Actual	72	54%*
2012–13 Actual	88	65%**
2013–14 Actual	109	78%*
2014–15 Actual	120	88%
2015–16 Actual	118	85%
2016–17 Actual	125	85%
2017–18 Projection	126	85%
2018–19 Projection	137	91%
2019–20 Projection	129	88%

**Number are based on September 30 enrolment for each past and present year.*

**Restated using 2014–2015 instructional capacity (139) as a base. Alberta Infrastructure revised the formula to included instructional area only, effective 2014–2015.

- In calculating utilization rates, ECS children account for a FTE of 0.5, as per the Alberta Education and Alberta Infrastructure's formula.

TABLE 10: MINISTIK SCHOOL ENROLMENT BY GRADE 2010–2016[6]

GRADE	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
K	16	11	20	22	18	18	11
1	15	18	8	22	21	22	21
2	11	16	19	8	22	16	20
3	9	11	16	21	10	21	17
4	6	7	11	16	22	12	23
5	7	5	8	11	11	21	11
6	10	4	6	9	16	8	22
TOTAL	74	72	88	109	120	118	125

**Numbers are based on September 30 enrolment for each past and present year.*

5, 6 Source: "Demographic Dynamics." Baragar Enterprise, 2016

FIGURE 4: MINISTIK SCHOOL ENROLMENT BREAKDOWN 2010–2016[7]

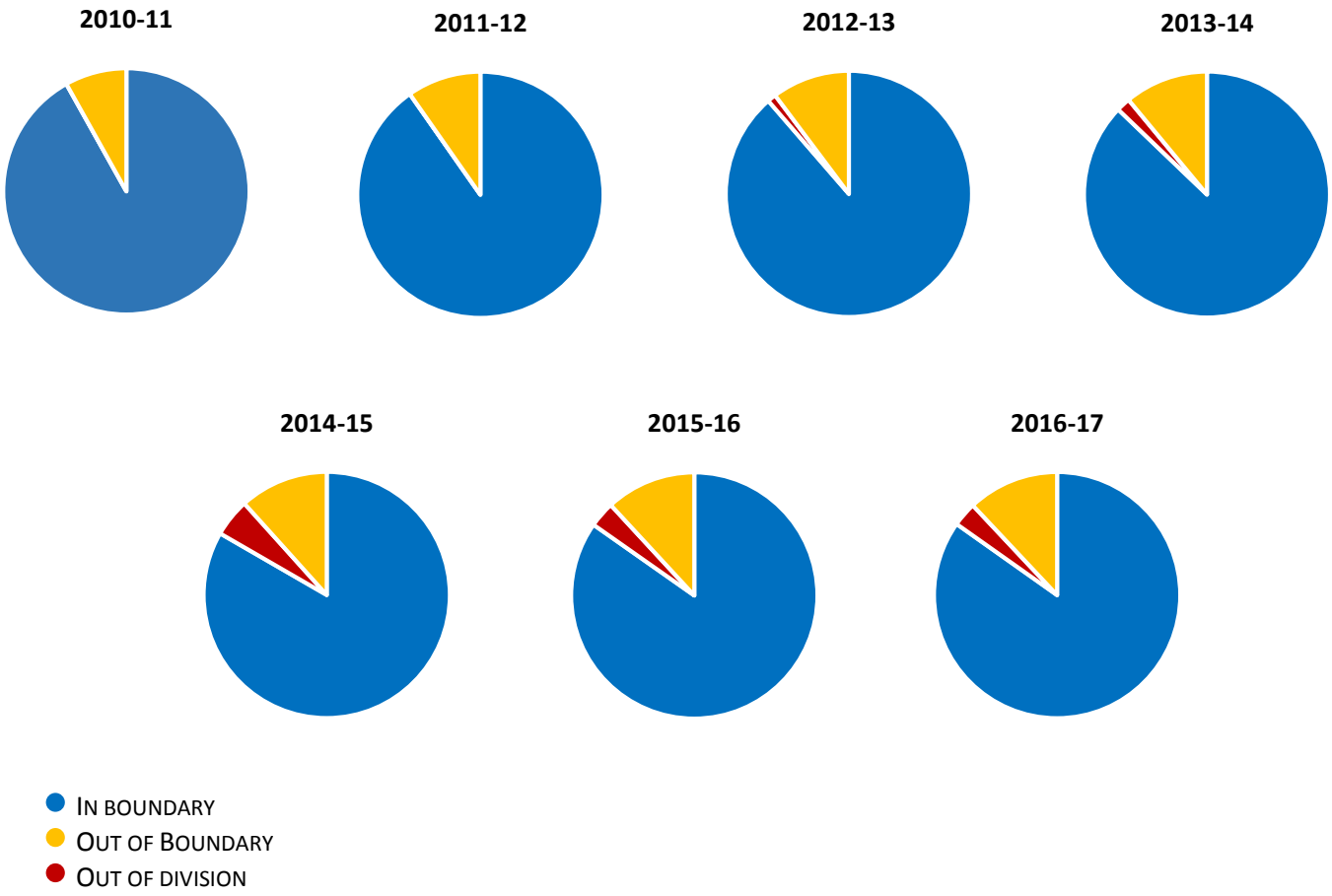


TABLE 11: MINISTIK SCHOOL ENROLMENT BREAKDOWN 2010–2016[8]

YEAR	IN BOUNDARY	OUT OF BOUNDARY	OUT OF DIVISION	TOTAL
2010-11 Actual	68	0	6	74
2011-12 Actual	65	0	7	72
2012-13 Actual	78	1	9	88
2013-14 Actual	95	2	12	109
2014-15 Actual	100	6	14	120
2015-16 Actual	100	4	14	118
2016-17 Actual	106	4	15	125

**Number are based on September 30 enrolment for each past and present year.*

7, 8 Source: " GeoSchool." Baragar Enterprise, 2016

TABLE 12: WHO ATTENDS MINISTIK SCHOOL VERSUS THE POPULATION RESIDING IN THE ATTENDANCE AREA OF MINISTIK 2016–2017[9]

CHILDREN LIVING IN THE MINISTIK SCHOOL BOUNDARY AREA			IN-BOUNDARY CHILDREN ENROLLED AT MINISTIK SCHOOL		OUT-OF-BOUNDARY CHILDREN ENROLLED AT MINISTIK SCHOOL		
AGE	NUMBER	GRADE	TOTAL	%	WITHIN THE DIVISION	FROM ANOTHER DIVISION	TOTAL
1	25	N/A	-	-	-	-	-
2	20	N/A	-	-	-	-	-
3	35	N/A	-	-	-	-	-
4	25	PK	-	-	-	-	-
5	25	K	10	40%	1	0	1
6	30	1	19	63%	-	2	2
7	30	2	18	60%	-	2	2
8	40	3	14	35%	1	2	3
9	35	4	20	57%	1	2	3
10	30	5	8	27%	1	2	3
11	45	6	17	38%	-	5	5
12	30	7	-	-	-	-	-
13	35	8	-	-	-	-	-
14	35	9	-	-	-	-	-
15	35	10	-	-	-	-	-
16	25	11	-	-	-	-	-
17	45	12	-	-	-	-	-
TOTAL/AVERAGE	**545**	**-**	**106**	**46%**	**4**	**15**	**19**

- The chart above is based on the general assumption that the average age of a student aligns with a particular grade. As a result, the data provides a general indication of numbers as students' ages change throughout the duration of any school year.

- *Note*: The percentage of children living in the Ministik School attendance area who attend Ministik School is based on the entire number of children in each age group who could attend Ministik School. The remaining percentage may attend a different EIPS school or attend a non-EIPS school (Elk Island Catholic Schools, Edmonton Public Schools, New Horizons Charter School).

Historical trends 2013–2016 have indicated on average 21 per cent of students in the elementary grades have followed their older siblings when they transition to Fultonvale Elementary Junior High for Grade 7.[10]

9, Source: "Demographic Dynamics." Baragar Enterprise, 2016

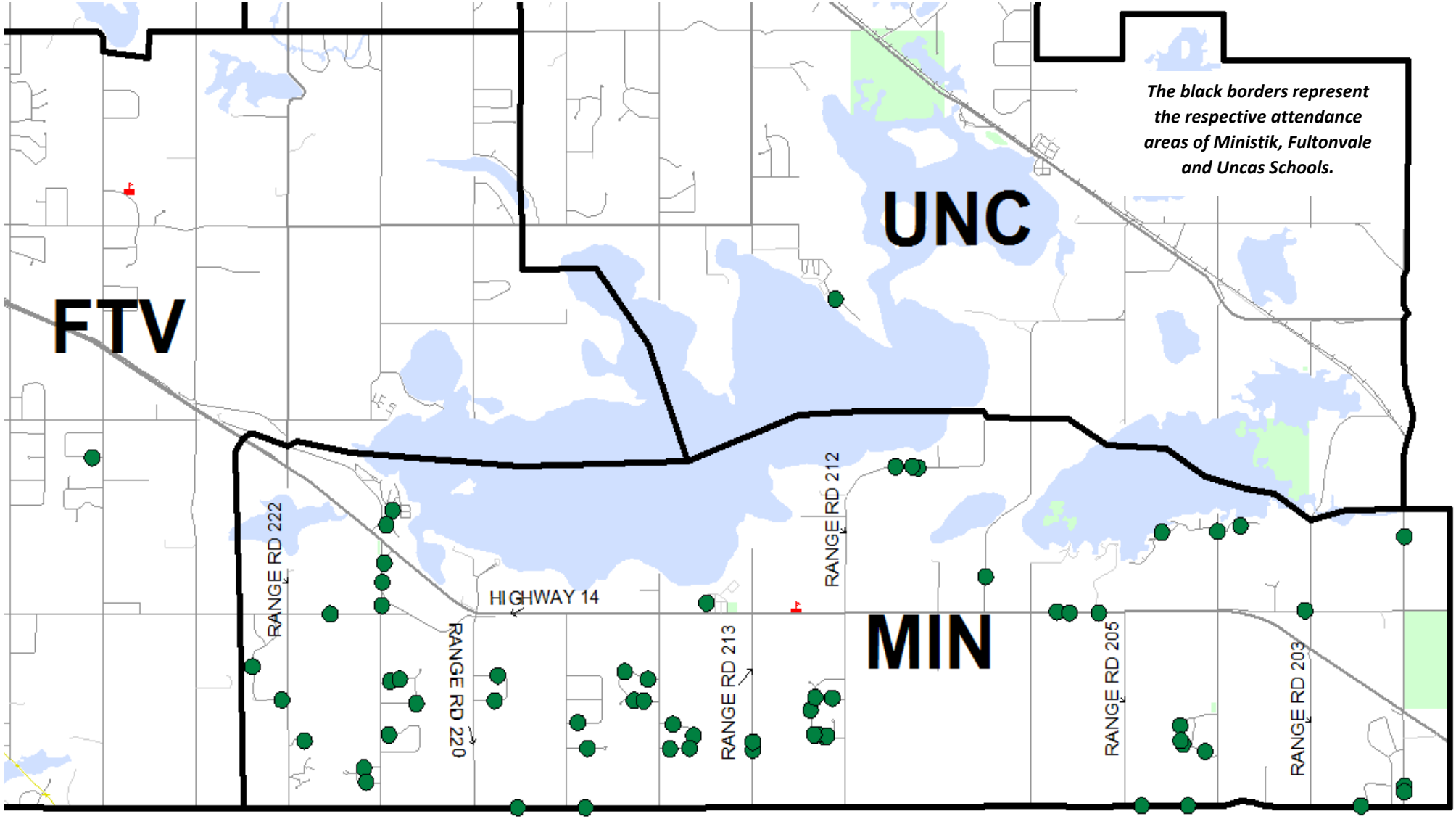
10, Source: "Versatrans", 2016

WHERE MINISTIK SCHOOL STUDENTS COME FROM (SEE FIGURE 4)

The 125 students who were attending Ministik School as of Sept. 30, 2016, came from the following school divisions or other EIPS attendance areas:

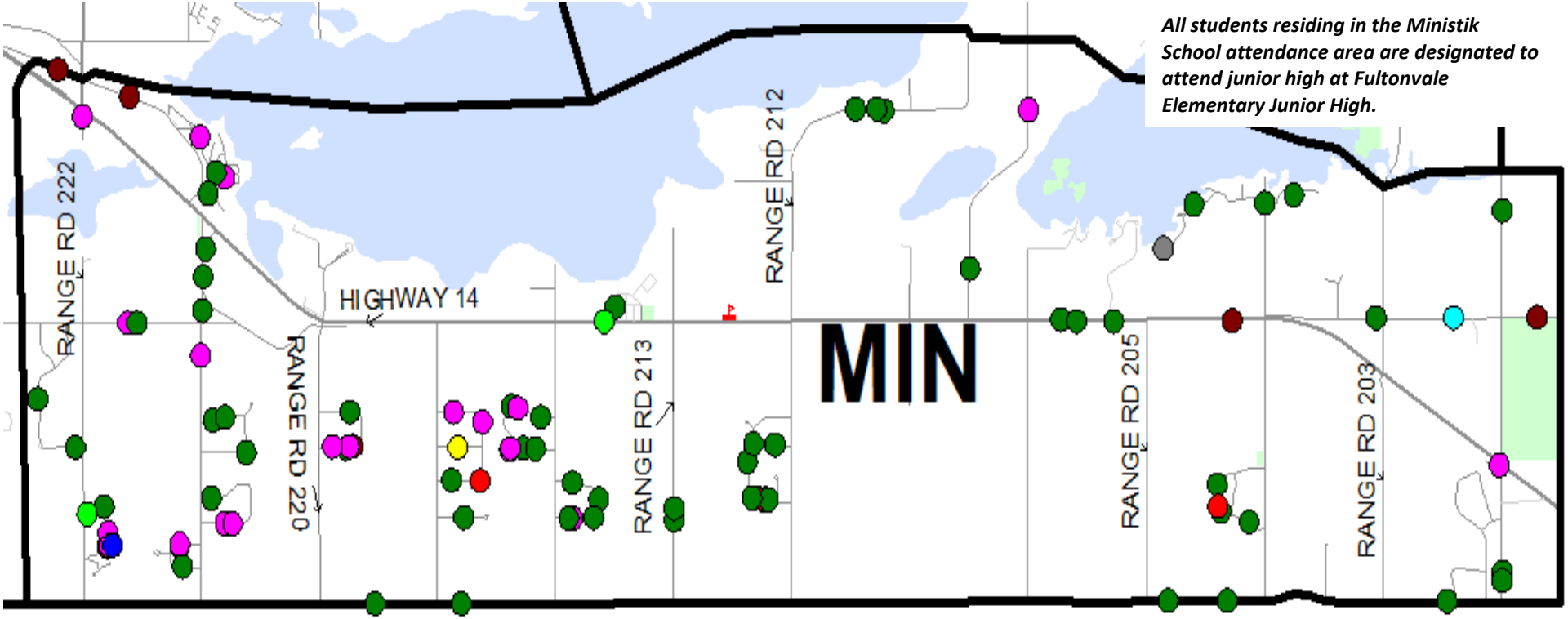
- Two students from Edmonton School Division (not mapped)
- Three students from Black Gold School Division (not mapped)
- 10 students from Battle River School Division (not mapped)
- Three students from the Fultonvale Elementary/Junior High attendance area
- One student from the Uncas Elementary attendance area
- 106 students from the Ministik School attendance area

FIGURE 4: WHERE MINISTIK SCHOOL STUDENTS COME FROM 2016–17[11]



11, Source: "GeoSchool." Baragar Enterprise, 2016

FIGURE 5: WHERE MINISTIK SCHOOL ATTENDANCE AREA STUDENTS CHOOSE TO ATTEND SCHOOL K-6, 2016-17[12]



All students residing in the Ministik School attendance area are designated to attend junior high at Fultonvale Elementary Junior High.

LEGEND		
	Brentwood Elementary	1
	École Campbelltown Elementary	3
	Fort Saskatchewan Christian	1
	École Élementaire Ardrossan Elementary	6
	Mills Haven Elementary	1
	Fultonvale Elementary Junior High	24
	Ministik School	106
	Strathcona Christian Academy Elementary	11
	Woodbridge Farms Elementary	1
	Next Step Home Education	1
Total		**155**

12, Source: "GeoSchool" Barager Enterprise, 2016

INFRASTRUCTURE

Ministik School was originally built in 1951 as a single-story school of 551.2 square metres. In 1952, because of to an increase in enrolment, an additional 139 square metres was added. Further additions included:

- the installation of two portables in 1986, originally built in 1975;
- a hallway from the main building to the portables in 1987;
- an additional 251.2 square metres in 1993 (gymnasium);
- another portable in 1994—this portable was relocated from Westboro Elementary and was originally built in 1975; and
- another portable in 2000, originally built in the 1970s, which is currently being used as the library—the portable was donated to the school from Atco.

As of the 2016–2017 school year, the total building area is 1,245.98 square metres, with 483.43 square metres identified as instructional area. As per Alberta Infrastructure's new capacity formula set in 2014–2015, the official student capacity of Ministik School is 139 students. Based on Alberta Infrastructure's year-end assessment, the current replacement cost of Ministik School as of April 1, 2016 is $3,508,891 (exclusive of the portables).

There are four portables in total attached to Ministik School. Two of the portables have an estimated replacement value of $330,391 each—as determined by Alberta Capital Planning in 2016. The larger portable, 91 square metres has an estimated replacement value of $376,328, as determined by Alberta Capital Planning. The replacement value of these three portables is estimated at $1,037,110. The fourth portable—used as the library—is similar in size to Alberta Infrastructure's supplied portable, which has an estimated replacement value of $376,328. As per the Alberta Infrastructure Modular Program, the following categories are included within the approved funding:

- Building Construction
- Consultants' Fees
- Site Expenses
- Furniture and Equipment
- Demolition and Removal
- Other (Utility Hookups and Delivery)

The demolition and removal costs are estimated at $10,000 per portable. EIPS is responsible for the cost of the required connecting link at an estimated cost of $75,000.

Refer to table 13 for the estimated replacement values of the building and portables at Ministik School.

TABLE 13: INFRASTRUCTURE ESTIMATED REPLACEMENT VALUE[13]

NUMBER	TYPE	AREA (SM)	PROPERTY	ESTIMATED REPLACEMENT VALUE ($)
B4017A	Building	994	Ministik School	3,508,891
T3680	Portable	80	Ministik School	330,391
T3681	Portable	80	Ministik School	330,391
T3692	Portable	91	Ministik School	376,328

13, Source: "VFA" Alberta Capital Planning, 2016

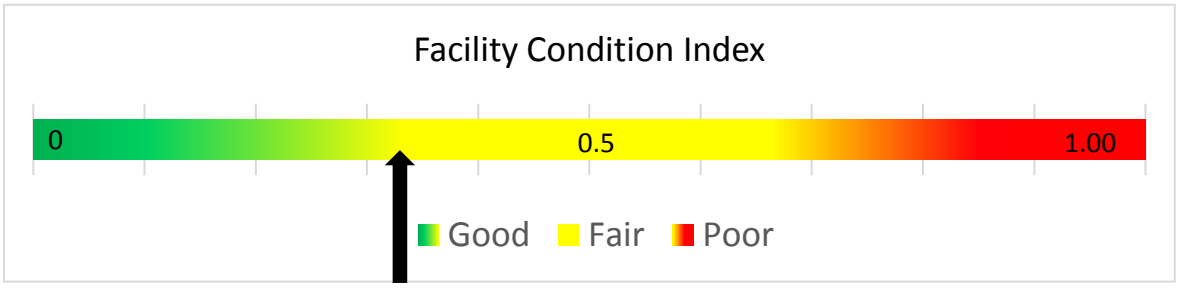
Alberta Infrastructure does not have a replacement value listed for the portable which is presently used as a library, as it was a donation to the school. However, the size is comparable to the portable T3692 listed above.

The **Facility Condition Index (FCI)** is an Alberta Infrastructure and industry-standard index that measures the relative condition of a facility by considering the costs of deferred maintenance and repairs and the value of the facility within a five-year window. The last assessment and audit on the building took place in January 2011. Typically, Alberta Infrastructure audits government facilities on a five-year cycle. Alberta Infrastructure is scheduled to perform an audit of Ministik School in 2017–2018.

$$\text{FCI} = \frac{\text{Five-Year Requirement Cost}}{\text{Building Replacement Cost}}$$

FIVE-YEAR FACILITY CONDITION INDEX

- The FCI is a metric that allows EIPS facility Services to compare buildings of different size, ages and locations.
- The five-year window includes requirements that are deferred in the current fiscal year plus the next four fiscal years (current year + 4 years = 5).
- The FCI includes replacements and repairs, but improvements and studies are excluded.
- As of Alberta Infrastructure's year-end—April 1, 2016—the Ministik School's FCI was 0.19, meaning the building is in fair condition.



Ministik School 0.19

THE FCI SCALE RANGES FROM 0 TO 1.00

- 0 to 0.15 good condition
- 0.15 to 0.40 fair condition
- 0.40 to 1.00 poor condition

Ministik School Alberta Infrastructure Evaluation *http://eips.ca/download/94037*

INFRASTRUCTURE MAINTENANCE RENEWAL (IMR) AND MAINTENANCE

Infrastructure Maintenance Renewal (IMR) funding is provided each year to divisions to ensure school facilities meet all regulatory requirements, particularly as they pertain to providing a safe and healthy learning environment. Buildings are inspected annually and a list of priorities identified each fall. Because of the age of much of EIPS' infrastructure, maintenance is often deferred to address the most urgent needs in the Division. No IMR funds have been allocated to Ministik School since the 2009-2010 school year, when flooring was replaced in the corridor at a cost of $27,979. As of April 1, 2016, Ministik School has $592,104 in deferred maintenance—Portables are excluded in this number.

General maintenance has continued and Facility Services staff have completed approximately 382 work orders at Ministik School from 2012–2015—120 in 2012–2013; 122 in 2013–2014; and 140 in 2014–2015.

LEAD IN DRINKING WATER

In the 2015–2016 school year during the division lead-in-drinking water-study, one of three drinking fountain locations at Ministik School was found to be consistently over the maximum allowable concentration of lead as set by Health Canada despite the replacement of fountain plumbing components. The sampling occurred on the first use of the day after the water had sat overnight. Retesting showed levels became acceptable after 30 seconds of flushing at the beginning of the day. Drinking fountains located next to classroom sinks were taken out of service to increase usage at the primary fountain locations. A daily flushing protocol has since been implemented at all remaining drinking fountains at the school and has proven to be an effective short-term strategy for ensuring lead in drinking water meets acceptable standards. Monthly potable water tests for bacterial content are also conducted by facility staff and analyzed for bacterial content. These have been acceptable to date (see Appendix A on pg. 28-35, "Lead in the Drinking Water Report")

MOULD IN PORTABLES

An area of concern identified by Facility Services staff is the mould in the portable classrooms. On Aug. 25, 2016, a visual inspection of the interior and exterior of portable, FS 109, was undertaken by RH Services Inc., an independent environmental consultant. Water damage and mould were identified in some of the classroom building structure indicating further inspection and remedial action was necessary. On Oct. 7, 2016 further assessment of portable classrooms FS 110 and FS 111 was conducted with similar findings. The areas of concern are contained while Facility Services examines options for remediation. Air sampling on Aug. 25 2016, Oct. 7, 2016 and January 5, 2017 indicate levels of indoor mould are currently within the Health Canada guidelines and there is no immediate need to remove occupants. On Jan. 5, 2017 a physical inspection for mould was also conducted in the library portable. Results of this inspection are still pending as of the date of this report. In the interim, periodic air monitoring will continue to ensure the air quality meets appropriate guidelines. EIPS has informed all staff, parents and Alberta Health Services about the test results and actions taken to date and will continue to keep all parties informed of future test results
(see Appendices B, C and D on pg. 36-61, "Water Damage and Mould Assessment Report")

ASBESTOS

An asbestos study was conducted in 1994 and asbestos was identified within the mechanical room wall boards. There are several suspected areas that "may" contain asbestos that were left untested and not disturbed. These areas are as follows:

- Built up roofing slip layer
- Vermiculite within concrete block in fill
- Vinyl flooring was identified, however majority has been replaced. Very little undisturbed still remains
- Hidden pipe insulation
- Wall insulation

The asbestos will not be an issue unless the materials are disturbed. If the portables are removed and replaced, further bulk testing would be initiated to ensure there is no hidden asbestos. Any necessary removal would be conducted under strict containment following safe-work protocols and monitored by an environmental consultant. Ventilation systems in the portables are separate from the main building and with proper containment there would be no exposure risk to occupants in the main building.

AFTER HOURS COMMUNITY USAGE OF MINISTIK SCHOOL GYMNASIUM AND FIELDS

EIPS values the sharing of our school buildings with community members and local user groups who have the opportunity to rent a school gymnasium for community events. Since 2010, there have been a total of three community bookings at Ministik School, including the 2010 municipal elections. The Ministik Youth Group has primarily chosen to book its functions at Fultonvale Elementary Junior High. As per information from Strathcona County, no community booking requests have been made for the use of the fields after hours in the past three years.

MINISTIK SCHOOL PLAYGROUND AND GROUNDS

Ministik School has two playgrounds. The first was installed in 2008 and has a life cycle expectancy of 17 years. The second playground was installed in 2015 and has a life cycle expectancy of 23 years.

Strathcona County performs all grounds maintenance services. As per the current Joint/Reciprocal Use Agreement with Strathcona County, EIPS is responsible for 45 per cent of all costs of mowing fields, garbage removal and playgrounds maintenance and inspections. EIPS pays 100 per cent of the costs associated with mowing grass for the exclusive use area which is considered to be the footprint right around the school, as well as the jump pit maintenance. In the 2015–2016 year these costs were $7,741.59.

FINANCIAL INFORMATION

The total allocation to Ministik School for 2016–2017 is $1,208,974 which includes an Inclusive Learning allocation of $204,746. The balance for school generated funds in 2015–2016 was $4,477 and in 2014–2015, the balance was $5,972 (see Appendix E on pg. 62-67, "Budget Report").

For the years 2013–2014 to 2016–2017, Ministik School meets the definition of a small school as defined by Alberta Education because its FTE funded enrolment is less than 150. Ministik School does not meet Alberta Education's definition of a small school by necessity (SSBN) because there are schools—Uncas Elementary and Fultonvale Elementary Junior High—that are less than 25 kilometres from Ministik School, and they have a building capacity that can accommodate Ministik School students.

TABLE 13: MINISTIK SCHOOL FINANCIAL ANALYSIS

MINISTIK SCHOOL FINANCIAL ANALYSIS			
	2013–14 Actual ($)	**2014–15 Actual($)**	**2015–16 Actual ($)**
Certificated Salary	645,829	638,054	703,028
Other Certificated	10,996	10,934	11,577
Subtotal Certificated	**656,825**	**648,988**	**714,605**
Classified salaries	251,448	294,477	293,723
Subtotal Salaries	**908,273**	**943,465**	**1,008,328**
Supplies	51,531	86,004	54,632
Total Expense	**959,804**	**1,029,468**	**1,062,960**
Insurance	4,228	7,892	6,648
Operations & Maintenance	109,602	96,749	91,667
Total Costs	**$1,073,634**	**$1,134,110**	**$1,161,276**

MINISTIK SCHOOL COST-PER-STUDENT ANALYSIS IN ELK ISLAND PUBLIC SCHOOLS

TABLE 14: MINISTIK SCHOOL COST PER STUDENT

YEAR	COST RANKING	INSTRUCTIONAL ($)	PLANT OPERATION & MAINTENANCE ($)	COST PER STUDENT ($)
2012–13	3	840,357	85,393	10,520
2013–14	3	959,804	109,602	9,902
2014–15	5	1,029,468	96,749 *	9,385
Three-year average	**4**	**$943,210**	**$97,498**	**$9,936**

MINISTIK SCHOOL COST PER STUDENT (EXPLANATION)

- *A new natural gas contract resulted in overall cost savings for multiple schools in the Division.
- INSTRUCTIONAL refers to the total cost incurred by the school for a fiscal year, excluding special education funding, capital, school generated funds and, plant operations and maintenance,
- PLANT OPERATIONS & MAINTENANCE (PO&M) includes custodial, electricity, gas, water, garbage disposal and maintenance.
- COST RANKING is the order all EIPS schools are ranked based on highest to lowest cost per student.

MOVING COSTS THAT MAY BE INCURRED IF MINISTIK SCHOOL WERE TO CLOSE

An estimate for possible moving costs that may be incurred if Ministik School were to close has been extrapolated from the move that occurred when Colchester Elementary closed in 2012–2013. At that time, all equipment was redirected to Fultonvale Elementary Junior High. The total cost of the move was $31,305.80.

In the past three years, Ministik School has received upgraded desks and chairs, while all the teachers' computers, monitors and projectors have been upgraded in the past two years. The school has excellent physical education equipment and 101 Chromebooks, 55 iPads and 20 MacBook Airs. If Ministik School were to close, these items would be utilized within EIPS and likely at a school designated for Ministik School students. By doing this, it would reduce any costs incurred at an EIPS school receiving Ministik School students.

MINISTIK SCHOOL STAFFING

In the 2015–2016 school year, Ministik School employs eight teachers for a total FTE of 6.732. One part time teacher also worked at Fultonvale Elementary Junior High. There were seven classified employees in the following positions: one secretary, five educational assistants and one library technician. The total classified FTE was 6.09. One part-time classified employee also worked at Uncas Elementary.

As of Sept. 30, 2016, Ministik School has nine teachers working a total of 7.167 FTE. One part-time teacher also works at Fultonvale Elementary Junior High. One certificated employee will be retiring at the end of the 2016–2017 school year. Additionally, Ministik School employed eight classified employees

in the following positions: one secretary, six educational assistants, and one library technician. One part-time employee also works at Uncas Elementary.

If Ministik School were to close, the guidelines outlined in EIPS *Administrative Procedure 417*, *Staff Reduction* would be followed.

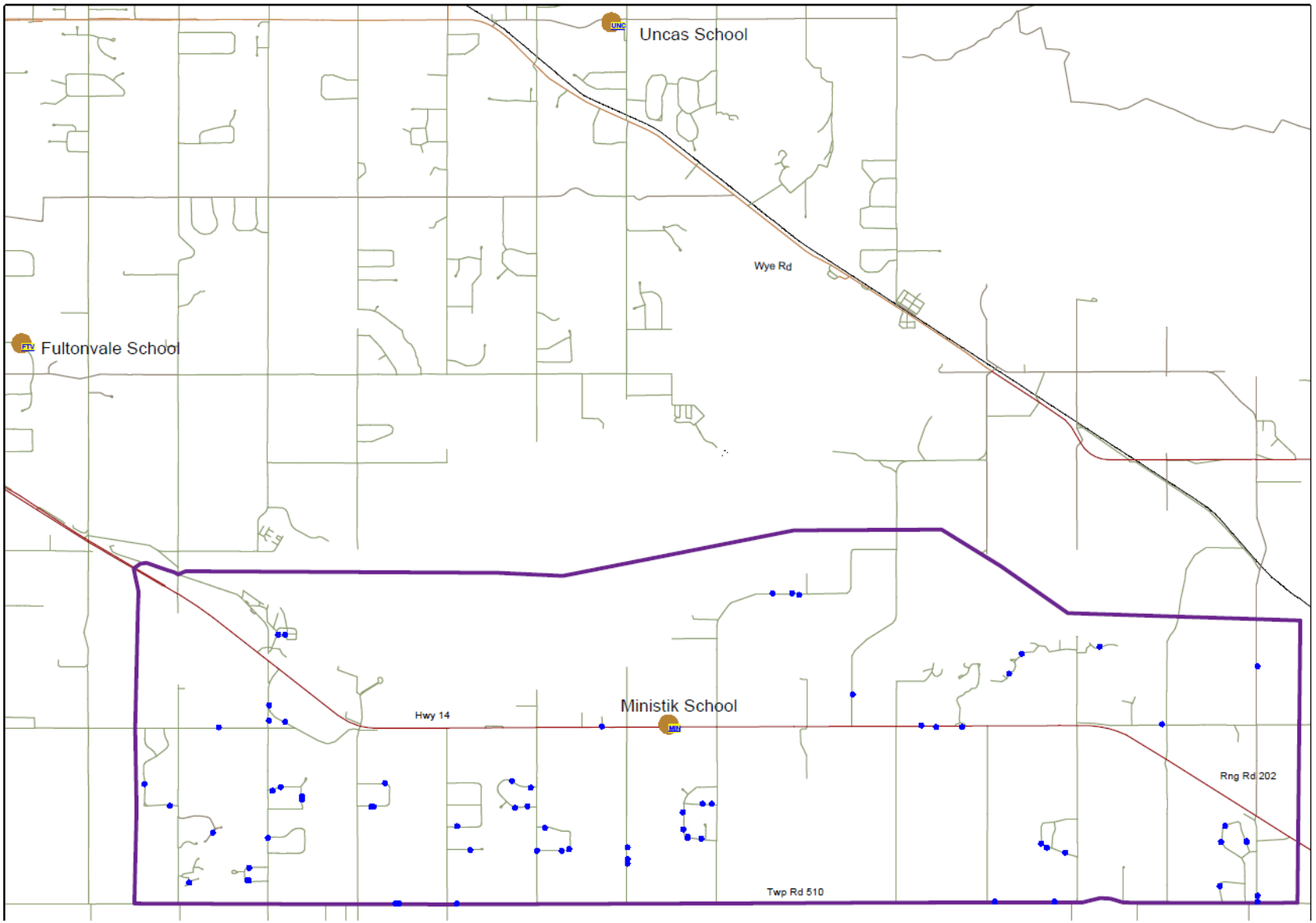
EIPS STUDENT TRANSPORTATION INFORMATION

Currently, Student Transportation transports 108 students to Ministik School. Ministik student are transported using four buses in the morning and three in the afternoon. In 2010–2011, Ministik School adjusted its bell schedule for an 8:55 a.m. arrival and 3:30 p.m. departure which allowed Student Transportation the opportunity to improve ride times by double busing, thereby employing equipment already in use.

ANNUAL TRANSPORTATION REVENUE

In 2016–2017 Student Transportation claimed $98,587.36 in transportation funding for students attending Ministik School. In 2016–2017 Student Transportation collected $2,450 in transportation fees from Ministik School families. Of the five fees, four were non-resident fees and one a school-of-choice fee.

FIGURE 5: STUDENTS BEING BUSED IN THE MINISTIK SCHOOL BOUNDARY



PROPOSED BUSING TO FULTONVALE FOR 2017–2018

Students for the busing scenario were re-designated to Fultonvale School as it was closest in proximity to Ministik School at 16.40 kilometres. Uncas Elementary is 21.89 kilometres from Ministik School. If bused to Uncas Elementary, significant costs would be incurred as shared busing could not be implemented and ride times would increase significantly. The distance from Ministik School to École Élementaire Ardrossan Elementary is 26.17 kilometres. If students were bused to École Élementaire Ardrossan Elementary, they would be bused through the Fultonvale Elementary Junior High transfer site, which would increase ride times significantly.

The designated junior high for the Ministik School attendance area is Fultonvale Elementary Junior High. Students from the same family would then be transported together. Additionally, Fultonvale Elementary Junior High is a transfer site and therefore access to École Élementaire Ardrossan Elementary and Sherwood Park-based schools is possible.

- Arrival time to Fultonvale Elementary Junior High would be 7:50 a.m.
- Departure from Fultonvale Elementary Junior High would be 3:00 p.m.
- Students would be transported using shared busing with Fultonvale Elementary Junior High students
- An additional two buses would be used to reduce ride times
- One bus is currently being utilized in another area and would be relocated.
- One additional bus would be added at an approximate cost of $53,000
- Average number of riders per bus would be 33.
- Transportation funding if designated school becomes Fultonvale Elementary Junior High $143,821
- Additional savings by eliminating double busing to Ministik School is $70,430

RIDE TIME COMPARISON

TABLE 17: 2016–2017 TO MINISTIK VS. PROPOSED 2017–2018 TO FULTONVALE ELEMENTARY JUNIOR HIGH

MORNING RIDE TIME DIFFERENCES				AFTERNOON RIDE TIME DIFFERENCES			
LONGER		SHORTER		LONGER		SHORTER	
Minutes	**Students**	**Minutes**	**Students**	**Minutes**	**Students**	**Minutes**	**Students**
0	0	0	7	0	0	0	2
1-5	12	1-5	18	1-5	14	1-5	6
6-10	14	6-10	5	6-10	10	6-10	13
11-15	13	11-15	3	11-15	17	11-15	8
16-20	4	16-20	5	16-20	0	16-20	5
21-25	7	21-25	1	21-25	0	21-25	4
26-30	5	26-30	13	26-30	0	26-30	9
53	0	53	1	31-35		31-35	4

- 55 students in the morning would experience a longer ride time
- 53 students in the morning would experience a shorter or no increase in ride time
- 41 students in the afternoon will experience a longer ride time
- 59 students in the afternoon will experience a shorter, or no increase in, ride time

TABLE 18: AVERAGE RIDE TIME COMPARISON

AVERAGE CURRENT RIDE TIME (MORNING)	AVERAGE PROPOSED RIDE TIME (MORNING)	AVERAGE CURRENT RIDE TIME (AFTERNOON)	AVERAGE PROPOSED RIDE TIME (AFTERNOON)
25 minutes	25 minutes	31 minutes	24 minutes

- The current Division average ride time for rural students is 36 minutes.

(see Appendix F on pg. 68-70, "Ministik Ride Time Comparison")

HIGHWAY 14 TRAFFIC

A collision history was reviewed for the section of Highway 14, approximately 200 metres on either side of Ministik School. Six collisions occurred in this area between 2011 and 2015 including one major injury collision. Five of the collisions were animal related and no injuries reported in those collisions. A major injury collision hit-and-run occurred on Saturday, Oct. 6, 2012 when an eastbound vehicle hit a pedestrian. The incident did not take place directly at the school location and involved an adult jogger. From the collision history, there is no significant collision pattern for an in-depth analysis.

Based on Alberta Transportation online data, there are between 10,000 and 15,000 vehicles per day travelling on Highway 14 in front of Ministik School. Highway 14 is a provincial highway and therefore, the speed limit is 100 kilometres per hour.

In 2002, there was a traffic study conducted in Ministik after parents expressed concerns that traffic flows were increasing, vehicles were not slowing down and an inherent hazard existed for vehicles entering or leaving the site. The specific request from parents was the addition of flashing school zone lights.

Traffic Engineering Services found that during the peak morning and afternoon times there were approximately 20-30 vehicles entering and exiting the site. The recommendations outlined in the study were the addition of a school entrance sign and an upgrade to the school intersection with a bypass lane for eastbound traffic and right turn tapers for westbound vehicles entering the school grounds. In 2002, these changes were implemented.

SUPPLEMENTARY INFORMATION

- Appendix G on pg. 71-72, "Three-Year Capital Plan (2016/17-2018-19)".
- Appendix H on pg. 73, "Ten- Year Facilities Plan".

Maxxam
A Bureau Veritas Group Company

Success Through Science®

Your Project #: LEAD(DW)
Site Location: MINISTIK SCHOOL
Your C.O.C. #: 493238-24-01

Attention:LISA JOHNSTON

Elk Island Public Schools
683 Wye Road
Sherwood Park , AB
CANADA T8B 1N2

Report Date: 2016/06/21
Report #: R2202601
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B647848
Received: 2016/06/14, 11:08

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Lead (Total)	2	2016/06/20	2016/06/20	AB SOP-00014 / AB SOP-00043	EPA 200.8 R5.4 m

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Amanda L'Hirondelle, Project Manager
Email: AL'Hirondelle@maxxam.ca
Phone# (780)577-7117
==========
Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Analytics International Corporation o/a Maxxam Analytics Edmonton: 9331 - 48th Street T6B 2R4 Telephone (780)577-7100 Fax (780)450-4187

Maxxam Job #: B647848
Report Date: 2016/06/21

Elk Island Public Schools
Client Project #: LEAD(DW)
Site Location: MINISTIK SCHOOL
Sampler Initials: AW

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		OV5071	OV5072		
Sampling Date		2016/06/13 07:32	2016/06/13 07:36		
COC Number		493238-24-01	493238-24-01		
	UNITS	MIN-RIGHT OF ALARM ENTRANCE	MIN-FS-102	RDL	QC Batch
Elements					
Total Lead (Pb)	mg/L	0.0025	0.021	0.00020	8304549
RDL = Reportable Detection Limit					

Maxxam Analytics International Corporation o/a Maxxam Analytics Edmonton: 9331 - 48th Street T6B 2R4 Telephone (780)577-7100 Fax (780)450-4187

Maxxam Job #: B647848
Report Date: 2016/06/21

Elk Island Public Schools
Client Project #: LEAD(DW)
Site Location: MINISTIK SCHOOL
Sampler Initials: AW

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	9.3°C

Results relate only to the items tested.

Maxxam Analytics International Corporation o/a Maxxam Analytics Edmonton: 9331 - 48th Street T6B 2R4 Telephone (780)577-7100 Fax (780)450-4187

Maxxam Job #: B647848
Report Date: 2016/06/21

Elk Island Public Schools
Client Project #: LEAD(DW)
Site Location: MINISTIK SCHOOL
Sampler Initials: AW

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8304549	APY	Matrix Spike	Total Lead (Pb)	2016/06/20		93	%	80 - 120
8304549	APY	Spiked Blank	Total Lead (Pb)	2016/06/20		100	%	80 - 120
8304549	APY	Method Blank	Total Lead (Pb)	2016/06/20	<0.00020		mg/L	
8304549	APY	RPD	Total Lead (Pb)	2016/06/20	8.3		%	20

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Analytics International Corporation o/a Maxxam Analytics Edmonton: 9331 - 48th Street T6B 2R4 Telephone (780)577-7100 Fax (780)450-4187

Maxxam Job #: B647848
Report Date: 2016/06/21

Elk Island Public Schools
Client Project #: LEAD(DW)
Site Location: MINISTIK SCHOOL
Sampler Initials: AW

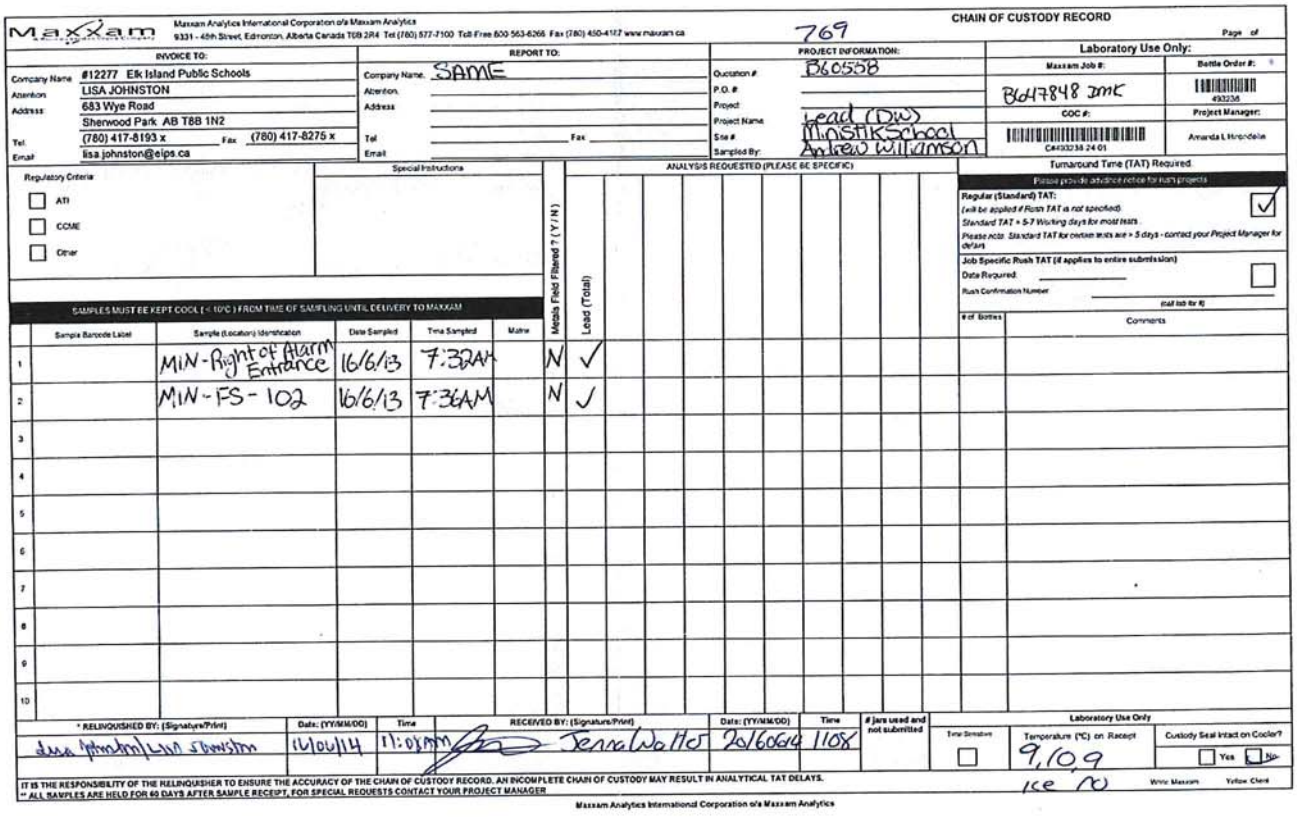
VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Suwan Fock, B.Sc., QP, Inorganics Senior Analyst

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Analytics International Corporation o/a Maxxam Analytics Edmonton: 9331 - 48th Street T6B 2R4 Telephone (780)577-7100 Fax (780)450-4187



Maxxam Analytics International Corporation o/a Maxxam Analytics
9331 - 45th Street, Edmonton, Alberta Canada T6B 2R4 Tel (780) 577-7100 Toll Free 800-563-6266 Fax (780) 450-4177 www.maxxam.ca

769

CHAIN OF CUSTODY RECORD

Page of

INVOICE TO:
Company Name: #12277 Elk Island Public Schools
Attention: LISA JOHNSTON
Address: 683 Wye Road, Sherwood Park AB T8B 1N2
Tel: (780) 417-8193 x Fax: (780) 417-8275 x
Email: lisa.johnston@eips.ca

REPORT TO:
Company Name: SAME
Attention:
Address:
Tel: Fax:
Email:

PROJECT INFORMATION:
Quotation #: B605SB
P.O. #:
Project:
Project Name: Lead (DW) Minstik School
Site #:
Sampled By: Andrew Williamson

Laboratory Use Only:
Maxxam Job #: B647848 JMK
Bottle Order #: 493236
COC #: C#493236 24-01
Project Manager: Amanda L Hrondelin

Regulatory Criteria: ☐ AB ☐ CCME ☐ Other

Special Instructions

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

ANALYSIS REQUESTED (PLEASE BE SPECIFIC):
Metals Field Filtered ? (Y / N)
Lead (Total)

Turnaround Time (TAT) Required:
Please provide advance notice for rush projects
Regular (Standard) TAT: ☑
(will be applied if Rush TAT is not specified)
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as > 5 days - contact your Project Manager for details.
Job Specific Rush TAT (if applies to entire submission)
Date Required:
Rush Confirmation Number: (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered ? (Y / N)	Lead (Total)	# of Bottles	Comments
1		MIN-Right of Alarm Entrance	16/6/13	7:32AM		N	✓		
2		MIN-FS-102	16/6/13	7:36AM		N	✓		
3									
4									
5									
6									
7									
8									
9									
10									

* RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# jars used and not submitted	Laboratory Use Only: Time Sensitive	Temperature (°C) on Receipt	Custody Seal Intact on Cooler?
Lisa Johnston/Lisa Johnston	16/06/14	11:05AM	Jenna Watts	16/06/14	1108		☐	9.1, 0.9	☐ Yes ☐ No

IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.
** ALL SAMPLES ARE HELD FOR 60 DAYS AFTER SAMPLE RECEIPT, FOR SPECIAL REQUESTS CONTACT YOUR PROJECT MANAGER

ice N

White: Maxxam Yellow: Client

Maxxam Analytics International Corporation o/a Maxxam Analytics

Elk Island Public Schools
Client Project #: LEAD(DW)
Site Location: MINISTIK SCHOOL

Maxxam Job Number: B647848
Report Date: 2016/06/21

Sampler Initials: AW

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		OV5071	OV5072		
Sampling Date		2016-06-13 07:32	2016-06-13 07:36		
COC Number		493238-24-01	493238-24-01		
	UNITS	**MIN-RIGHT OF ALARM ENTRANCE**	**MIN-FS-102**	**RDL**	**QC Batch**
Elements					
Total Lead (Pb)	mg/L	0.0025	0.021	0.00020	8304549

RDL = Reportable Detection Limit

Results relate only to the items tested.

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Each tempe Each tempe Each tempe Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1 9.3°C #N/A #N/A

Results relate only to the items tested.

RH Services Inc.

WATER DAMAGE AND MOULD ASSESSMENT
PORTABLE CLASSROOMS FS-110 & FS-111
MINISTIK SCHOOL

Submitted to:
Elk Island Public Schools
683 Wye Road
Sherwood Park, AB. T8B 1N2

Submitted by:
RH Services Inc.
7340-82 Avenue, NW.
Edmonton, AB. T6B 0G2

October 2016

EIPS.85

www.rhservices.ca

EXECUTIVE SUMMARY

RH Services Inc. was retained by Elk Island Public Schools, to conduct a water damage and mould assessment of two portable classrooms (FS-110 & FS-111) located at Ministik School in the County of Strathcona, Alberta.

The purpose of this assessment was to determine the extent of water damage and mould amplification within the structure.

The assessment was undertaken on Friday, October 7th 2016. At this time a visual inspection was undertaken of the classrooms and the exterior of the portables. The roof and crawlspace were not accessed.

Samples of suspected mould growth were collected for confirmation by optical microscopy. A moisture meter was used to locate and delineate areas of water damage and potential mould amplification. The findings of our investigation and sampling are presented in this report with recommendations on required or suggested actions.

The portable classrooms in question were FS-110 & FS-111, an older style, wood frame construction with corrugated metal siding and a flat roof.

The presence of mould was confirmed in some of the building components, although the concentration of viable mould in the air was within the Health Canada Guidelines.

The portable was well past its' service life[1].

1. *It should be noted that the life expectancy of a portable classroom that is well located and maintained is in the area of twenty years. (Atco Structures and Logistics)*

TABLE OF CONTENTS

1.0 INTRODUCTION

An assessment of the portable classrooms (FS-110 & 111) at Ministik School was undertaken by RH Services Inc. on Friday, October 7th 2016. This report is in conjunction with an earlier RH Services report EIPS 88, regarding mould and water damage issues in August 2016.

Visual inspections were conducted within the portables and of the exterior. The roof and crawlspace were not accessed at this time.

Walls and ceilings were opened in representative areas to examine the conditions and to collect samples of suspected mould growth, for confirmation by optical microscopy. A moisture meter was used to confirm if excess moisture was present in these areas.

1.1 BACKGROUND

The two portable classrooms were located along the east side of the school. See the Arial view below.

FS-111 classroom

FS-110 classroom

The Trailers' had surpassed the end of their service life expectancy of twenty years.

Concerns about the potential for mould amplification were investigated by RH Services Inc.

2.0 SCOPE OF WORK

The following services were provided by RH Services Inc.:

- Site inspection;
- Visual assessment;
- Moisture content measurement;
- Intrusive investigation inside walls and ceilings;
- Report production, documenting observations and suggesting actions.

3.0 SITE INSPECTION

RH Services Inc. undertook the site inspection on Friday, October 7th 2016, at this time the school was not occupied.

Bulk mould sample results can be reviewed in the RH Services Mould Identification Report # 4447. Viable Airborne mould results can be reviewed in the RH Services Viable Mould Count Analysis Report # 8868; both found in Appendix A.

Exterior Observations

The exterior drainage and the general exterior condition of the structure was investigated. Our findings are as follows:

The drainage along the south wall of F-110 and the east walls of F-110 and F-111 was generally good. Water was pooling in depressions near the bottom of the structures.

Sink holes were present along the north side of F-111 enabling water and animals to enter the crawlspace.

The wooden posts used to support the skirting around the portables were rotten.

Rotten plywood was evident under the north emergency exit stairs.

Crawlspace

The crawlspace underneath the portables was not accessed at this time.

Interior Observations

Portable Classroom F-110

The interior of the classroom consisted of drywall walls, sheet flooring and 2' by 4' suspended mineral ceilings tiles. Above the suspended tiles were the original ceiling panels with plastic strips.

Overview of classroom FS-110 looking east.

Moisture readings around the east window and all accessible walls were <10% moisture, acceptable.

The rubber baseboard was removed from the southeast corner of the classroom.

Mould growth was evident on drywall paper *Stachybotrys* sp. Sample #1.

Specifics

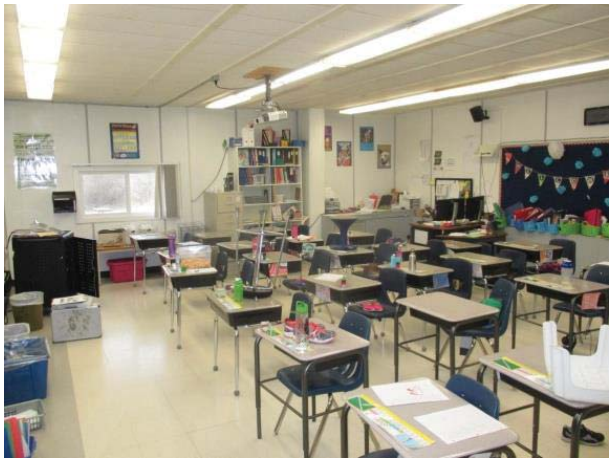
Ceilings: The ceiling of the portable classroom was a 2'x4' suspended ceiling tiles. The original cellulose panels with plastic joint strips were in place above the suspended ceiling and had partially collapsed in places, but no evidence of water infiltration was observed.

Walls: The classroom walls were drywall; the accessible drywall along the east and south walls were dry, but mould growth was confirmed in the southeast corner. In addition, a cold draft was evident coming from along the bottom of the exterior walls.

Floors: The classroom floors looked to be in good condition (sheet flooring).

Portable Classroom F-111

The interior of the classroom consisted of drywall walls, sheet flooring and 2' by 4' suspended mineral ceilings tiles. Above the suspended tiles were the original ceiling panels with plastic strips.



Overview of classroom FS-111 looking east.

. Moisture readings around the east window and all accessible walls were <10% moisture, acceptable.

Localized water damage was noticed under the window on the east wall. The drywall was dry <10% (acceptable),

The paper was pulled back and some darker staining was evident on the paper.

The rubber baseboard was removed from the northeast corner of the classroom. Mould growth was identified on the drywall paper ***Chaetomium sp.,*** Sample #2

Water staining was noticed on the floor tiles and along the bottom of the air intake cabinetry.

4.0 AIR SAMPLE RESULTS

Air samples were collected from classrooms FS-110 & 111 using a Reuter Centrifugal Sampler (RCS) the sample was impacted onto a Rose Bengal Agar growth medium. The sample was cultured then examined by optical microscopy to determine the number of colonies per cubic metre and the genus of the mould growth. This was compared to an exterior control sample and the Health Canada Guidelines.

The interior samples were found to be reflective of the exterior (predominantly *Cladosporium* spp.) and at a lower concentration. This would classify as acceptable and was within Health Canada Guidelines.

5.0 SUGGESTED ACTIONS

The suggested actions would be the same as those presented in an earlier RH Services report: # **EIPS.88.** The suggested actions are as follows:

Although the air samples that were collected on August 25th and October 7th are acceptable, conditions observed were such that blooms of mould can be anticipated during certain conditions, this is difficult to predict and measured mould results can vary drastically. We suggest that planning for replacement of the portable classrooms and links be initiated. We further suggest that for continued operation of the portables air testing be conducted at least each term. A contingency for the installation of HEPA air cleaners should be on hand should elevated mould concentrations be encountered.

It has to be remembered when reading these recommendations that we are not privy to information regarding the demographics and long and/or short term needs of the community. From our position the recommendations are based on the logistics and value of the buildings as they currently stand. They may not reflect the effects, inconveniences and expenses that will be incurred to facilitate the staff, scholars and the community in general.

We believe that further investment in the portable is ill-conceived and from our past experiences with remediation of portables it should be considered highly likely that the extent of rot and mould will be significantly beyond what is anticipated.

It should be noted that the life expectancy of a portable classroom that is well located and maintained is in the area of twenty years. (Atco Structures and Logistics)

6.0 CLOSURE

We trust that the information in this report meets your present requirements. If you have any questions or require further explanation, please contact the undersigned at your convenience. We look forward to working with you in the future.

Yours truly,

RH Services Inc.

Mike Roberts

Reviewed by:

Kevin Simpson
Senior Consultant

RH Services Inc.

8124-97th Avenue, NW
Edmonton, Alberta.
T6C 2B7
Tel: 780-440-4880
Fax: 780-440-4890
E-Mail: rod@rhservices.ca

Field Office
7340-82 Avenue,
Edmonton, AB.

Viable Mould Count Analysis

Elk Island Public Schools
683 Wye Road
Sherwood Park, AB
T8B 1N2

Job # 8868 EIPS.85
Date: October 12th 2016
Ref:

Ministik School

Sample number	Location of sample	Time	Volume Litres	Genus	Raw Count	CFU/M^3
01	Exterior Control	Oct. 7th 2016 10:02-10:02	80	*Cladosporium* spp. *Penicillium* sp. Yeast **Total**	83 1 7 91	1,038 13 88 **1,139**
02	FS-110	Oct. 7th 2016 08:46-08:50	160	*Cladosporium* spp. **Total**	4 4	25 **25**
03	FS-111	Oct. 7th 2016 08:51-08:55	160	*Cladosporium* spp. **Total**	2 2	13 **13**

NOTES:
Media will be kept for 10 days only.
Collection Media: Rose Bengal Agar in RCS sample
Sterile Hyphae: Means filamentous mould growth without conidia or fruiting bodies, therefore not identifiable.

Sample Interpretation:
- Red highlight indicates concentrations in excess of Health Canada Guidelines
- Blue highlight indicates concentrations of interest
- Green highlight indicate exterior samples

NG: means no mould growth after incubation period

Analysis by:

Rowen Gork NCSO.

RH Services Inc.

8124-97th Avenue, NW
Edmonton, Alberta.
T6C 2B7
Tel: 780-440-4880
Fax: 780-440-4890
E-Mail: rod@rhservices.ca

Field Office
7340-82 Avenue,
Edmonton, AB.

Viable Mould Count Analysis

Elk Island Public Schools
683 Wye Road
Sherwood Park, AB
T8B 1N2

Job # 8890 EIPS.88.2
Date: January 11th 2017
Ref:

Ministik School

Sample number	Location of sample	Time	Volume Litres	Genus	Raw Count	CFU/M^3
01	Exterior Control -6^{0}C light snow	Jan.5th 2017 14:35-14:37	80	*Cladosporium* spp. *Penicillium sp.* **Total**	1 1 2	13 13 **26**
02	FS 109	Jan.5th 2017 14:05-14:09	160	Yeast **Total**	1 1	6 **6**
03	FS 110	Jan.5th 2017 14:10-14:14	160	*Cladosporium* spp. **Total**	1 1	6 **6**
04	FS 111	Jan.5th 2017 14:16-14:20	160	NG **Total**	<1 <1	<6 **<6**
05	FS 115 Library North end	Jan.5th 2017 14:21-14:25	160	NG **Total**	<1 <1	<6 **<6**

Sample number	Location of sample	Time	Volume Litres	Genus	Raw Count	CFU/M^3
06	FS 115 Library South end	Jan.5th 2017 14:25-14:29	160	*Cladosporium* spp. **Total**	1 1	6 **6**

NOTES:
Media will be kept for 10 days only.
Collection Media: Rose Bengal Agar in RCS sample
Sterile Hyphae: Means filamentous mould growth without conidia or fruiting bodies, therefore not identifiable.

Sample Interpretation:
- Red highlight indicates concentrations in excess of Health Canada Guidelines
- Blue highlight indicates concentrations of interest
- Green highlight indicate exterior samples

NG: means no mould growth after incubation period

Analysis by:

Rod Hall RET, CRSP, ROHT.

RH Services Inc.

8124-97th Avenue, NW
Edmonton, Alberta.
T6C 2B7
Tel: 780-440-4880
Fax: 780-440-4890
E-Mail: rod@rhservices.ca

Field Office
7340-82 Avenue,
Edmonton, AB.

Mould Identification

Client: Elk Island Public Schools
683 Wye Road
Sherwood Park, Alberta.
T8B 1N2

Job#: 4447 EIPS.85
Date: October 12th 2016

Ministik School

Sample number	Description, location of sample	Type of Sample	Genus of Mould	Loading
01	East exterior wall Classroom FS-110	Bulk	*Stachybotrys* sp.	Moderate
02	East exterior wall Classroom FS-111	Bulk	*Chaetomium* sp.	Heavy

Legend:
NG= No growth, means no evidence of mould growth observed
Sample interpretations:
Analysis using optical microscopy, loading subjectively described as heavy, moderate or light.

Analysis by:

Rowen Gork NCSO.

RH Services Inc.

WATER DAMAGE AND MOULD ASSESSMENT
PORTABLE CLASSROOM FS 109
MINISTIK SCHOOL

Submitted to:
Elk Island Public Schools
683 Wye Road
Sherwood Park, AB. T8B 1N2

Submitted by:
RH Services Inc.
7340-82 Avenue, NW.
Edmonton, AB. T6B 0G2

August 2016

EIPS.88

www.rhservices.ca

EXECUTIVE SUMMARY

RH Services Inc. was retained by Elk Island Public Schools, to conduct a water damage and mould assessment of the old portable classroom (FS-109) located at Ministik School in the county of Strathcona, Alberta.

The purpose of this assessment was to determine the extent of water damage and mould amplification within the structure. The portable was abutted the gymnasium to the northwest and was joined to the original 1951 building and connected to two other portables.

The initial assessment was undertaken on Thursday, August 25th 2016. At this time a visual inspection was undertaken of the classroom and the exterior of the portable. The roof and crawlspace were not accessed.

Samples of suspected mould growth were collected for confirmation by optical microscopy. An Infrared camera and moisture meter were used to locate and delineate areas of water damage and potential mould amplification. The findings of our investigation and sampling are presented in this report with recommendations on required or suggested actions.

The portable in question FS-109, was an older style ATCO trailer, wood frame construction with corrugated steel siding aluminium sliding window and a flat roof.

The presence of mould was confirmed in some of the building components, although the concentration of viable mould in the air was within the Health Canada Guidelines.

The portable was well past its' service life[1].

1. *It should be noted that the life expectancy of a portable classroom that is well located and maintained is in the area of twenty years. (Atco Structures and Logistics)*

TABLE OF CONTENTS

1.0 INTRODUCTION

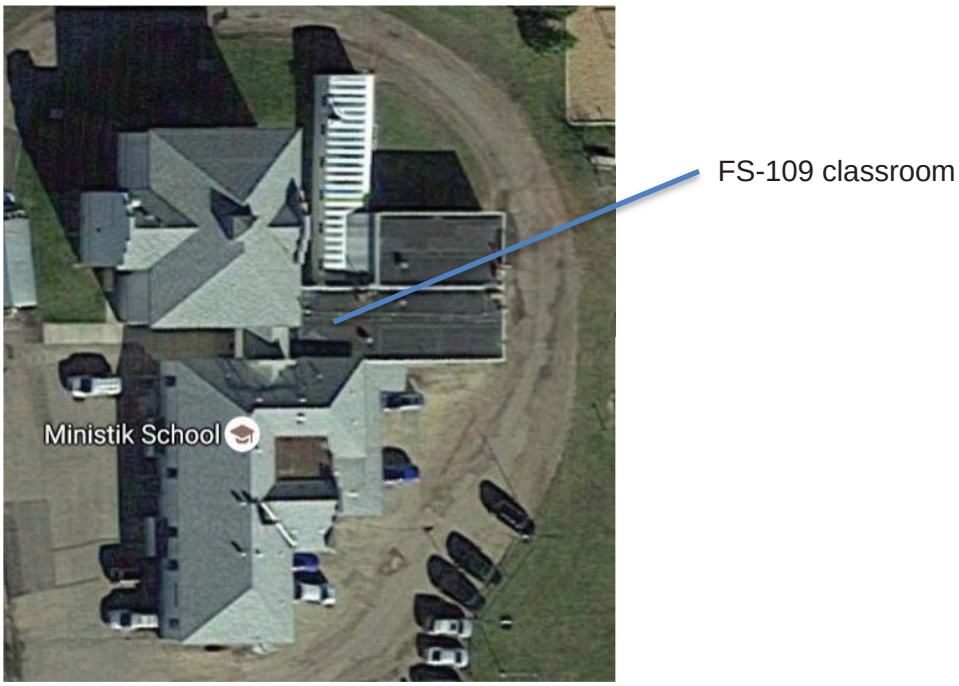
An initial assessment of the old portable classroom (FS-109) at Ministik School was undertaken by RH Services Inc. on Thursday, August 25th 2016.

Visual inspections were conducted within the portable and of the exterior. The roof and crawlspace were not accessed at this time.

An infrared camera was used to locate and explore water damaged areas and a moisture meter was used to confirm if excess moisture was present in these areas. Walls and ceilings were opened in representative areas to examine the conditions and to collect samples of suspected mould growth, for confirmation by optical microscopy.

1.1 BACKGROUND

The area investigated consisted of one portable, located on the northeast corner of the original 1951 building and adjoining the addition to the north and other portables to the north. See the Arial view below.



The original 'Atco Trailers' were circa 1970's and had surpassed the end of their service life expectancy of twenty years.

Complaints about Indoor Air Quality (specifically Mould) had raised concerns about the potential for mould amplification and RH Services Inc. were retained to investigate.

2.0 SCOPE OF WORK

The following services were provided by RH Services Inc.:

- Site inspection;
- Visual assessment;
- Thermal imaging and moisture content measurement;
- Intrusive investigation inside walls and ceilings;
- Report production, documenting observations and suggesting actions.

3.0 SITE INSPECTION

RH Services Inc. undertook the initial site inspection on Thursday, August 25th 2016, at this time the school had some staff present preparing for the start of the autumn term.

Exterior Observations

The roof drain in the corner where the portable joins the gymnasium was cracked and leaking.

The layout of the portables in relation to each other and the gymnasium created an area of poor air circulation and dampness. Water was entering the underneath of FS-109 and had rotted the wood of the skirt. The crawlspace was not accessed but based on our interior findings (discussed later) it was apparent that the floor is rotting.

Location of FS-109 in relation to the library portable and the gymnasium. Note the gym grading towards the library and the damp shady environment created by the positioning of the portables.

A close up of the corner where FS-109 joins the library portable.

The plastic roof drain was broken.

Water inundation occurring at the corner where FS-109 is joined to the gymnasium.

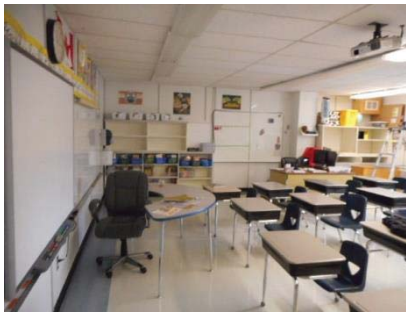
The north wall of FS-109 was rotten.

Crawlspace

The crawlspace underneath the portables was not accessed at this time. The skirt was rotten and from our interior inspection we know that the floor is rotten in places.

Interior Observations

An initial walk through was conducted and conditions appeared to be typical throughout the classroom, water damage was evident at the window on the north side and along the east wall from the furnace to the bookcase and the west wall behind the teacher's desk. This was based on visual assessment, sample analysis, moisture readings and minimal invasive assessment.



Overview of classroom FS-109 looking west.

Moss growth in the window tracks.

Wood rot at the bottom of the bookcase. Sample #4437.04

Water damage from past water leakage through roof.

Mould growth above the old ceiling by the roof drain, in the northwest corner
Stachybotrys sp.
Sample #4437.02

Moisture reading on the east wall by the furnace, above rubber baseboards.

Northeast corner by furnace.

With rubber baseboard removed.

Mould growth on drywall paper
Aspergillus sp.
Chaetomium sp. and
Stachybotrys sp.

West wall behind teacher's desk with rubber baseboard peeled back
Chaetomium sp.
Sample #4437.01

Sample #4437.03

Floor underneath the Palm-Air was rotten.

Specifics

Ceilings: The ceiling of the portable classroom was 2'x4' suspended ceiling tiles. The original cellulose tiles with plastic joint strips, were in place above the suspended ceiling. The roof drain in the northwest corner had leaked in the past and water damaged the original ceiling and some wood shelving below there was mould growth above the original ceiling. *Stachybotrys* sp. sample # 4437.02.

Walls: The classroom walls were drywall; the drywall along the east wall was measured to be damp 30-40% mould growth was confirmed along the east wall and west wall Samples #4437.01 and 03

Floors: The classroom floors looked to be in good condition (sheet flooring), destructive investigation was not undertaken but it was noted that a knife could be pushed through the floor at the wall to floor joint behind the teacher's desk, indicative of wood rot.

4.0 AIR SAMPLE RESULTS

An air sample was collected from Classroom FS-109 using a Reuter Centrifugal Sampler (RCS) the sample was impacted onto a Rose Bengal Agar growth medium. The sample was cultured then examined by optical microscopy to determine the number of colonies per cubic metre and the genus of the mould growth. This was compared to an exterior control sample and the Health Canada Guidelines.

The interior sample was found to be reflective of the exterior (predominantly *Cladosporium* spp.) and at a lower concentration (about 25% of the exterior). This would classify as acceptable and was within Health Canada Guidelines.

5.0 SUGGESTED ACTIONS

Although the air sample collected on August 25th was acceptable, conditions observed were such that blooms of mould can be anticipated during certain conditions, this is difficult to predict and measured mould results can vary drastically. We suggest that planning for replacement of the portable FS-109 (and likely the others) be initiated. We further suggest that for continued operation of the portables air testing be conducted at least each term. A contingency for the installation of HEPA air cleaners should be on hand should elevated mould concentrations be encountered.

It has to be remembered when reading these recommendations that we are not privy to information regarding the demographics and long and/or short term needs of the community. From our position the recommendations are based on the logistics and value of the buildings as they currently stand. They may not reflect the effects, inconveniences and expenses that will be incurred to facilitate the staff, scholars and the community in general.

We believe that further investment in the portable is ill-conceived and from our past experiences with remediation of portables it should be considered highly likely that the extent of rot and mould will be significantly beyond what is anticipated.

It should be noted that the life expectancy of a portable classroom that is well located and maintained is in the area of twenty years. (Atco Structures and Logistics)

6.0 CLOSURE

We trust that the information in this report meets your present requirements. If you have any questions or require further explanation, please contact the undersigned at your convenience. We look forward to working with you in the future.

Yours truly,

RH Services Inc.

Rod Hall

RET. CRSP. ROHT.
Senior Consultant

RH Services Inc.

8124-97th Avenue, NW
Edmonton, Alberta.
T6C 2B7
Tel: 780-440-4880
Fax: 780-440-4890
E-Mail: rod@rhservices.ca

Field Office
7340-82 Avenue,
Edmonton, AB.

Viable Mould Count Analysis

Elk Island Public Schools
683 Wye Road
Sherwood Park, AB
T8B 1N2

Job # 8850 EIPS.88
Date: August 30th 2016
Ref:

Ministik School

Sample number	Location of sample	Time	Volume Litres	Genus	Raw Count	CFU/M^3
01	Exterior Control	Aug. 25th 2016 12:15-12:19	160	*Cladosporium* spp. Yeast **Total**	187 17 204	1,169 106 **1,275**
02	FS 109	Aug. 25th 2016 11:55-11:59	160	*Cladosporium* spp. *Mucor* sp. **Total**	48 1 49	300 6 **306**

NOTES:
Media will be kept for 10 days only.
Collection Media: Rose Bengal Agar in RCS sample
Sterile Hyphae: Means filamentous mould growth without conidia or fruiting bodies, therefore not identifiable.

Sample Interpretation:
- Red highlight indicates concentrations in excess of Health Canada Guidelines
- Blue highlight indicates concentrations of interest
- Green highlight indicate exterior samples

NG: means no mould growth after incubation period

Analysis by:

Rod Hall RET, CRSP, ROHT.

RH Services Inc.

8124-97th Avenue, NW
Edmonton, Alberta.
T6C 2B7
Tel: 780-440-4880
Fax: 780-440-4890
E-Mail: rod@rhservices.ca

Field Office
7340-82 Avenue,
Edmonton, AB.

Mould Identification

Client: Elk Island Public Schools
683 Wye Road
Sherwood Park, Alberta.
T8B 1N2

Job#: 4437 EIPS.88
Date: August 30th 2016

Ministik School

Sample number	Description, location of sample	Type of Sample	Genus of Mould	Loading
01	Drywall paper behind baseboard behind teachers desk West wall	Bulk	*Chaetomium* sp.	Heavy
02	Drywall paper above ceiling by roof drain Northwest corner	Bulk	*Stachybotrys* sp.	Heavy
03	Behind rubber baseboard Northeast corner by furnace	Bulk	*Aspergillus* sp. *Chaetomium* sp. *Stachybotrys* sp.	Moderate Heavy Heavy
04	Base of bookcase shelving unit East side	Bulk	*Wood rot fungi*	Moderate

Legend:
NG= No growth, means no evidence of mould growth observed
Sample interpretations:
Analysis using optical microscopy, loading subjectively described as heavy, moderate or light.

Analysis by:

Rod Hall RET, CRSP, ROHT.

Budget Report

Elk Island Public Schools

2016-2017 Fall Budget Working Copy

Ministik School

Revenue And Allocations To Budget Center

Enrolments	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Enrolment Statistics	$0	$0	$0
ECS Regular Enrolment	11 Students	15 Students	
Elementary Division One (1-3) Enrolment	58 Students	53 Students	
Elementary Division Two (4-6) Enrolment	56 Students	54 Students	
Grade Five	11 Students	10 Students	
Grade Four	23 Students	22 Students	
Grade One	21 Students	18 Students	
Grade Six	22 Students	22 Students	
Grade Three	17 Students	15 Students	
Grade Two	20 Students	20 Students	
TOTAL ENROLMENT	125 Students	122 Students	
Total Enrolments	**$0**	**$0**	**$0**
% of Revenue And Allocations To Budget Center	**0%**	**0%**	

Basic Allocations	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
ECS Regular Allocation	$28,866	$39,363	-$10,497
ECS Regular Allocation Rate	$2,624.18	$2,624.18	
ECS Regular Enrolment	11 Students	15 Students	
Elementary Division One (1-3) Allocation	$305,572	$279,230	$26,342
Elementary Division One (1-3) Enrolment	58 Students	53 Students	
Grade 1 - 3 Allocation Rate	$5,268.49	$5,268.49	
Elementary Division Two (4-6) Allocation	$293,558	$283,073	$10,484
Elementary Division Two (4-6) Enrolment	56 Students	54 Students	
Grade 4 - 6 Allocation Rate	$5,242.10	$5,242.10	
School Fixed Rate Allocation	$300,000	$300,000	$0
Total Basic Allocations	**$927,996**	**$901,666**	**$26,330**
% of Revenue And Allocations To Budget Center	**77%**	**76%**	

System Programs	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
ESL Allocation	$0	$0	$0
ESL Allocation Rate	$1,178.10	$1,178.10	
ESL Enrolment	0.0 Students	0.0 Students	
FNMI Allocation to Schools	$0	$0	$0
FNMI Project	$6,000	$6,000	$0
FSL ECS-6 Allocation	$326	$237	$89
FSL ECS - 6 Allocation Rate	$65	$65	
FSL ECS-6 Enrolment	56 Students	55 Students	
FSL ECS-6 Instructional Hours per Year	85 Hours per Student per Year	63 Hours per Student per Year	
FSL ECS-9 Instructional Hours Base	950 Instruction Hours	950 Instruction Hours	
Total System Programs	**$6,326**	**$6,237**	**$89**
% of Revenue And Allocations To Budget Center	**1%**	**1%**	

Allocations One Time	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Additional Allocation	$0	$0	$0
Total Allocations One Time	**$0**	**$0**	**$0**
% of Revenue And Allocations To Budget Center	**0%**	**0%**	

School Other Allocations	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Principal Admin Allowance	$27,725	$27,725	$0
Principal Admin Allowance	$27,725.00	$27,725.00	
Assistant Principal Admin Allowance	$0	$0	$0
Assistant Principal Admin Allowance	$0	$0	
Teacher In Charge	$1,847	$1,847	$0
Teacher In Charge	$1,664	$1,664	
Teacher In Charge Benefits	$183	$183	
In Year Allocation Schools One Time	$0	$0	$0
VOIP Phone Reallocation	($2,520)	($2,520)	$0
Total School Other Allocations	**$27,052**	**$27,052**	**$0**
% of Revenue And Allocations To Budget Center	**2%**	**2%**	

Early Learning ECS	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
ECS/PUF Allocation	$20,798	$20,798	$0
EA Puf/Pals Standard Days Per Year	196 Days	196 Days	
ECS Number of Centers	1 Centers	1 Centers	
ECS/PUF Additional Support	$0	$0	
Educational Assistant Standard Cost (Salary & Benefits)	35.37 $	35.37 $	
Total Early Learning ECS	**$20,798**	**$20,798**	**$0**
% of Revenue And Allocations To Budget Center	**2%**	**2%**	

Inclusive Learning	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Mild Moderate Allocation	$24,500	$24,500	$0
Special Education - Certificated Teacher Allocation	$0	$0	$0
SPED Certificated Teacher FTE	0.000 FTE	0.000 FTE	
Teacher Standard Cost	$100,700	$100,700	
Special Education - Educational Assistant Allocation	$180,246	$180,246	$0
EA Standard Days Per Year	196 Days	196 Days	
Educational Assistant Standard Cost (Salary & Benefits)	35.37 $	35.37 $	
Special Education - Educational Assistant Number of Hours	26.00 Hrs	26.00 Hrs	
Special Education - Specialized Support Assistant Allocation	$0	$0	$0
EA Standard Days Per Year	196 Days	196 Days	
Special Education - Specialized Support Assistant Number of Hours	0.00 Hrs	0.00 Hrs	
Specialized Support Assistant Standard Cost (Salary & Benefits)	$40.06	$40.06	
Total Inclusive Learning	**$204,746**	**$204,746**	**$0**
% of Revenue And Allocations To Budget Center	**17%**	**17%**	

Fees	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance

Fees	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Non-Core Educational Fees	$0	$0	$0
Total Fees	**$0**	**$0**	**$0**
% of Revenue And Allocations To Budget Center	**0%**	**0%**	

Net School Generated Funds	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
School Generated Funds Revenue	$36,182	$35,474	$708
School Generated Funds Expense	($36,182)	($35,474)	-$708
School Generated Funds Revenue	$36,182	$35,474	
Total Net School Generated Funds	**$0**	**$0**	**$0**
% of Revenue And Allocations To Budget Center	**0%**	**0%**	

Reserves	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Previous Year Surplus (Deficit)	$22,057	$22,162	-$105
Total Reserves	**$22,057**	**$22,162**	**-$105**
% of Revenue And Allocations To Budget Center	**2%**	**2%**	

Total Revenue And Allocations To Budget Center	**$1,208,974**	**$1,182,660**	**$26,314**

Expenditures

Certificated	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Counsellor	$30,210	$30,210	$0
Counsellor Calculated FTE	0.300 FTE	0.300 FTE	
Principal	$128,425	$128,425	$0
Principal Calculated FTE	1.000 FTE	1.000 FTE	
Teacher	$590,807	$590,606	$201
Teacher Calculated FTE	5.867 FTE	5.865 FTE	
Total Certificated	**$749,442**	**$749,241**	**$201**
% of Expenditures	**62%**	**63%**	

Personnel Certificated	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Teacher Substitute-Illness Sub Rate	$5,908	$5,908	$0
Substitute Teacher Standard Cost	$211.00	$211.00	
Teacher Sub (# of Days)	28.00 Days	28.00 Days	
Teacher Substitute-Illness < 4 Days Benefits	$448	$448	$0
Certificated Benefit Substitute Rate	7.58 %	7.58 %	
Substitute Teacher Standard Cost	$211.00	$211.00	
Teacher Sub (# of Days)	28.00 Days	28.00 Days	
Teacher Substitute-Illness Grid Rate	$9,070	$9,070	$0
Substitute Teacher Grid Standard Cost	$453.52	$453.52	
Teacher Sub Grid (# of Days)	20.00 Days	20.00 Days	
Teacher Substitute Illness Grid Benefits	$688	$688	$0
Certificated Benefit Substitute Rate	7.58 %	7.58 %	
Substitute Teacher Grid Standard Cost	$453.52	$453.52	
Teacher Sub Grid (# of Days)	20.00 Days	20.00 Days	
Teacher Substitute-PD & Other Reg	$2,110	$2,110	$0
Substitute Teacher Standard Cost	$211.00	$211.00	
Teacher Sub PD (# of Days)	10.00 Days	10.00 Days	

Personnel Certificated	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Teacher Substitute-PD & Other Benefits	$160	$160	$0
Certificated Benefit Substitute Rate	7.58 %	7.58 %	
Substitute Teacher Standard Cost	$211.00	$211.00	
Teacher Sub PD (# of Days)	10.00 Days	10.00 Days	
Teacher Substitute-PD & Other Grid	$9,070	$9,070	$0
Substitute Teacher Grid Standard Cost	$453.52	$453.52	
Teacher Sub Grid PD (# of Days)	20.00 Days	20.00 Days	
Teacher Substitute-PD & Other Grid Benefits	$688	$688	$0
Certificated Benefit Substitute Rate	7.58 %	7.58 %	
Substitute Teacher Grid Standard Cost	$453.52	$453.52	
Teacher Sub Grid PD (# of Days)	20.00 Days	20.00 Days	
Teacher In Charge	$1,664	$1,664	$0
Teacher In Charge (# of Full Days)	20.00 Days	20.00 Days	
Teacher In Charge Full Day Rate	$83.18	$83.18	
Teacher In Charge Benefits	$183	$183	$0
Certificated Benefit Rate	11.02 %	11.02 %	
Teacher In Charge (# of Full Days)	20.00 Days	20.00 Days	
Teacher In Charge Full Day Rate	$83.18	$83.18	
Total Personnel Certificated	**$29,988**	**$29,988**	**$0**
% of Expenditures	**2%**	**3%**	

Classified	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Educational Assistant	$284,617	$259,958	$24,659
Educational Assistant Calculated FTE	4.422 FTE	4.038 FTE	
Educational Assistant Calculated Total Hours per Year	8,047 Hrs	7,350 Hrs	
Educational Assistant Days per Year	1,342 Days	1,176 Days	
Library Tech Assistant	$17,733	$17,733	$0
Library Tech Assistant Calculated FTE	0.254 FTE	0.254 FTE	
Library Tech Assistant Calculated Total Hours per Year	462 Hrs	462 Hrs	
Library Tech Assistant Days per Year	71 Days	71 Days	
Secretary 4	$60,636	$60,636	$0
Secretary 4 Calculated FTE	0.777 FTE	0.777 FTE	
Secretary 4 Calculated Total Hours per Year	1,414 Hrs	1,414 Hrs	
Secretary 4 Days per Year	202 Days	202 Days	
Total Classified	**$362,986**	**$338,327**	**$24,659**
% of Expenditures	**30%**	**29%**	

Personnel Classified	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Classified Substitute Salaries	$1,870	$1,870	$0
Classified Substitute (Hours)	96.00 Hours	96.00 Hours	
Classified Substitute Hourly Rate	$19.48	$19.48	
Classified Substitute Salaries Benefits	$142	$142	$0
Classified Substitute (Hours)	96.00 Hours	96.00 Hours	
Classified Substitute Benefit Rate	7.58 %	7.58 %	
Classified Substitute Hourly Rate	$19.48	$19.48	
Educational Assistants Overtime	$0	$0	$0
EA/SSA Overtime Hourly Rate	$43.14	$43.14	
Educational Assistants Overtime (Hours)	0.00 Hours	0.00 Hours	

Personnel Classified	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Educational Assistants Overtime Benefits	$0	$0	$0
Classified Benefit Rate	31.14 %	31.14 %	
EA/SSA Overtime Hourly Rate	$43.14	$43.14	
Educational Assistants Overtime (Hours)	0.00 Hours	0.00 Hours	
Library Overtime	$0	$0	$0
Library Overtime Hourly Rate	$41.28	$41.28	
Library Overtime Hours	0.00 Hours	0.00 Hours	
Library Overtime Benefits	$0	$0	$0
Classified Benefit Rate	31.14 %	31.14 %	
Library Overtime Hourly Rate	$41.28	$41.28	
Library Overtime Hours	0.00 Hours	0.00 Hours	
Secretary Overtime	$0	$0	$0
Secretary Overtime (Hours)	0.00 Hours	0.00 Hours	
Secretary Overtime Hourly Rate	$42.88	$42.88	
Secretary Overtime Benefits	$0	$0	$0
Classified Benefit Rate	31.14 %	31.14 %	
Secretary Overtime (Hours)	0.00 Hours	0.00 Hours	
Secretary Overtime Hourly Rate	$42.88	$42.88	
Total Personnel Classified	**$2,012**	**$2,012**	**$0**
% of Expenditures	**0%**	**0%**	

Services, Contracts and Supplies	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Contracted Transportation	$1,000	$1,000	$0
Postage/Courier	$350	$350	$0
Telephone/Fax/Cellular	$0	$0	$0
Advertising/Public Relations	$2,000	$2,000	$0
Publications/Subscriptions (100% GST)	$1,300	$1,300	$0
Publications/Subscriptions (68% GST)	$200	$200	$0
Binding/Copying/Printing	$2,000	$2,000	$0
Awards	$700	$700	$0
Repairs & Maintenance	$700	$700	$0
Rental / Lease	$2,645	$4,000	-$1,355
Staff Development Registration	$5,500	$2,000	$3,500
Contracted Services	$6,000	$6,000	$0
Textbooks	$6,411	$6,411	$0
Media Materials (Not Lib Books)	$400	$400	$0
Media Materials (Bks Only)	$1,300	$1,300	$0
Supplies & Materials	$17,319	$17,319	$0
Supplies - Edible	$0	$0	$0
Software	$600	$600	$0
Furniture	$5,172	$5,172	$0
Equipment	$6,640	$6,640	$0
Computer Equipment	$4,309	$5,000	-$691
Total Services, Contracts and Supplies	**$64,546**	**$63,092**	**$1,454**
% of Expenditures	**5%**	**5%**	

Capital Budget	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Capital Expenditure Equipment	$0	$0	$0
Capital Offset Equipment	$0	$0	$0
Capital Expenditure Equipment	$0	$0	
Total Capital Budget	**$0**	**$0**	**$0**

Capital Budget	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
% of Expenditures	**0%**	**0%**	

Total Expenditures	**$1,208,974**	**$1,182,660**	**$26,314**

Summary

	2016-2017 Fall Budget Working Copy	2016-2017 Budget	Variance
Total Revenues and Allocations To Budget	$1,208,974	$1,182,660	$26,314
Total Expenditures	$1,208,974	$1,182,660	$26,314
Variance	**($1)**	**$0**	

Ministk Ride Time Comparison												
	Pickup Time		Pickup Ride Time		Dropoff Time		Dropoff Ride Time		Pickup		Dropoff	
Gr	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed	AM DIFF	AM	PM DIFF	PM
4	8:32 AM	7:31 AM	0:14:00	0:19:00	4:11 PM	3:15 PM	0:33:00	0:15:00	0:05:00	Longer	0:18:00	Shorter
6	8:32 AM	7:31 AM	0:14:00	0:19:00	4:11 PM	3:15 PM	0:33:00	0:15:00	0:05:00	Longer	0:18:00	Shorter
4	8:07 AM	7:36 AM	0:42:00	0:14:00	4:26 PM	3:08 PM	0:48:00	0:08:00	0:28:00	Shorter	0:40:00	Shorter
2	8:07 AM	7:36 AM	0:42:00	0:14:00	4:26 PM	3:08 PM	0:48:00	0:08:00	0:28:00	Shorter	0:40:00	Shorter
K	8:07 AM	7:36 AM	0:42:00	0:14:00	4:26 PM	3:08 PM	0:48:00	0:08:00	0:28:00	Shorter	0:40:00	Shorter
1	8:23 AM	7:07 AM	0:31:00	0:43:00	N/A	3:44 PM	N/A	0:44:00	0:12:00	Longer		
3	8:23 AM	7:07 AM	0:31:00	0:43:00	N/A	3:44 PM	N/A	0:44:00	0:12:00	Longer		
1	8:20 AM	7:11 AM	0:33:00	0:39:00	N/A	3:40 PM	N/A	0:40:00	0:06:00	Longer		
1	8:20 AM	7:11 AM	0:33:00	0:39:00	N/A	3:40 PM	N/A	0:40:00	0:06:00	Longer		
6	8:28 AM	7:35 AM	0:21:00	0:15:00	4:02 PM	3:29 PM	0:24:00	0:29:00	0:06:00	Shorter	0:05:00	Longer
4	8:24 AM	7:26 AM	0:25:00	0:24:00	3:52 PM	3:21 PM	0:14:00	0:21:00	0:01:00	Shorter	0:07:00	Longer
4	8:35 AM	7:26 AM	0:11:00	0:24:00	4:01 PM	3:18 PM	0:26:00	0:18:00	0:13:00	Longer	0:08:00	Shorter
K	8:26 AM	7:38 AM	0:20:00	0:12:00	4:20 PM	3:08 PM	0:42:00	0:08:00	0:08:00	Shorter	0:34:00	Shorter
4	8:17 AM	7:20 AM	0:32:00	0:30:00	3:52 PM	3:22 PM	0:17:00	0:22:00	0:02:00	Shorter	0:05:00	Longer
6	8:17 AM	7:20 AM	0:32:00	0:30:00	3:52 PM	3:22 PM	0:17:00	0:22:00	0:02:00	Shorter	0:05:00	Longer
2	8:35 AM	7:24 AM	0:11:00	0:26:00	4:00 PM	3:19 PM	0:25:00	0:19:00	0:15:00	Longer	0:06:00	Shorter
3	8:35 AM	7:24 AM	0:11:00	0:26:00	4:00 PM	3:19 PM	0:25:00	0:19:00	0:15:00	Longer	0:06:00	Shorter
3	8:24 AM	7:33 AM	0:22:00	0:17:00	4:15 PM	3:16 PM	0:40:00	0:16:00	0:05:00	Shorter	0:24:00	Shorter
1	8:24 AM	7:33 AM	0:22:00	0:17:00	4:15 PM	3:16 PM	0:40:00	0:16:00	0:05:00	Shorter	0:24:00	Shorter
1	8:40 AM	7:28 AM	0:09:00	0:22:00	3:42 PM	3:20 PM	0:07:00	0:20:00	0:13:00	Longer	0:13:00	Longer
5	8:07 AM	7:36 AM	0:42:00	0:14:00	4:26 PM	3:08 PM	0:48:00	0:08:00	0:28:00	Shorter	0:40:00	Shorter
6	8:25 AM	7:29 AM	0:24:00	0:21:00	3:54 PM	3:23 PM	0:16:00	0:23:00	0:03:00	Shorter	0:07:00	Longer
3	8:44 AM	7:15 AM	0:10:00	0:35:00	3:57 PM	3:23 PM	0:22:00	0:23:00	0:25:00	Longer	0:01:00	Longer
K	8:27 AM	7:31 AM	0:22:00	0:19:00	3:57 PM	3:25 PM	0:19:00	0:25:00	0:03:00	Shorter	0:06:00	Longer
1	8:27 AM	7:31 AM	0:22:00	0:19:00	3:57 PM	3:25 PM	0:19:00	0:25:00	0:03:00	Shorter	0:06:00	Longer
4	8:29 AM	7:16 AM	0:25:00	0:34:00	4:33 PM	3:46 PM	0:58:00	0:46:00	0:09:00	Longer	0:12:00	Shorter
4	8:44 AM	7:22 AM	0:05:00	0:28:00	3:37 PM	3:16 PM	0:02:00	0:16:00	0:23:00	Longer	0:14:00	Longer
K	8:44 AM	7:22 AM	0:05:00	0:28:00	3:37 PM	3:16 PM	0:02:00	0:16:00	0:23:00	Longer	0:14:00	Longer
4	8:35 AM	7:34 AM	0:14:00	0:16:00	3:44 PM	3:16 PM	0:06:00	0:16:00	0:02:00	Longer	0:10:00	Longer
1	8:35 AM	7:34 AM	0:14:00	0:16:00	3:44 PM	3:16 PM	0:06:00	0:16:00	0:02:00	Longer	0:10:00	Longer
6	8:10 AM	7:25 AM	0:36:00	0:25:00	4:23 PM	3:42 PM	0:48:00	0:42:00	0:11:00	Shorter	0:06:00	Shorter
6	8:10 AM	7:25 AM	0:36:00	0:25:00	4:23 PM	3:42 PM	0:48:00	0:42:00	0:11:00	Shorter	0:06:00	Shorter
4	8:10 AM	7:25 AM	0:36:00	0:25:00	4:23 PM	3:42 PM	0:48:00	0:42:00	0:11:00	Shorter	0:06:00	Shorter
4	8:28 AM	7:35 AM	0:21:00	0:15:00	4:02 PM	3:29 PM	0:24:00	0:29:00	0:06:00	Shorter	0:05:00	Longer
K	8:08 AM	7:30 AM	0:38:00	0:20:00	4:21 PM	3:45 PM	0:46:00	0:45:00	0:18:00	Shorter	0:01:00	Shorter
6	8:30 AM	7:22 AM	0:23:00	0:28:00	4:16 PM	3:31 PM	0:41:00	0:31:00	0:05:00	Longer	0:10:00	Shorter
2	8:26 AM	7:30 AM	0:23:00	0:20:00	3:56 PM	3:24 PM	0:18:00	0:24:00	0:03:00	Shorter	0:06:00	Longer
5	8:26 AM	7:35 AM	0:20:00	0:15:00	4:19 PM	3:09 PM	0:41:00	0:09:00	0:05:00	Shorter	0:32:00	Shorter
5	8:34 AM	7:35 AM	0:15:00	0:15:00	3:42 PM	3:15 PM	0:04:00	0:15:00	0:00:00	Same	0:11:00	Longer
3	8:34 AM	7:35 AM	0:15:00	0:15:00	3:42 PM	3:15 PM	0:04:00	0:15:00	0:00:00	Same	0:11:00	Longer
1	8:34 AM	7:35 AM	0:15:00	0:15:00	3:42 PM	3:15 PM	0:04:00	0:15:00	0:00:00	Same	0:11:00	Longer
4	8:06 AM	7:33 AM	0:43:00	0:17:00	4:23 PM	3:11 PM	0:45:00	0:11:00	0:26:00	Shorter	0:34:00	Shorter
2	8:07 AM	7:36 AM	0:42:00	0:14:00	4:26 PM	3:08 PM	0:48:00	0:08:00	0:28:00	Shorter	0:40:00	Shorter
1	8:45 AM	7:21 AM	0:08:00	0:28:00	3:40 PM	3:16 PM	0:05:00	0:16:00	0:20:00	Longer	0:11:00	Longer
6	8:23 AM	7:07 AM	0:31:00	0:43:00	4:32 PM	3:44 PM	0:57:00	0:44:00	0:12:00	Longer	0:13:00	Shorter
6	8:23 AM	7:07 AM	0:31:00	0:43:00	4:32 PM	3:44 PM	0:57:00	0:44:00	0:12:00	Longer	0:13:00	Shorter
5	8:03 AM	7:37 AM	0:43:00	0:13:00	4:17 PM	3:11 PM	0:39:00	0:11:00	0:30:00	Shorter	0:28:00	Shorter

Ministk Ride Time Comparison

	Pickup Time		Pickup Ride Time		Dropoff Time		Dropoff Ride Time		Pickup		Dropoff	
Gr	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed	AM DIFF	AM	PM DIFF	PM
3	8:03 AM	7:37 AM	0:43:00	0:13:00	4:17 PM	3:11 PM	0:39:00	0:11:00	0:30:00	Shorter	0:28:00	Shorter
1	8:37 AM	7:33 AM	0:16:00	0:17:00	3:51 PM	3:17 PM	0:16:00	0:17:00	0:01:00	Longer	0:01:00	Longer
2	8:38 AM	7:09 AM	0:16:00	0:41:00	4:06 PM	3:32 PM	0:31:00	0:32:00	0:25:00	Longer	0:01:00	Longer
3	8:46 AM	7:22 AM	0:07:00	0:27:00	3:38 PM	3:15 PM	0:03:00	0:15:00	0:20:00	Longer	0:12:00	Longer
6	8:46 AM	7:22 AM	0:07:00	0:27:00	3:38 PM	3:15 PM	0:03:00	0:15:00	0:20:00	Longer	0:12:00	Longer
3	8:22 AM	7:29 AM	0:24:00	0:21:00	4:12 PM	3:19 PM	0:37:00	0:19:00	0:03:00	Shorter	0:18:00	Shorter
2	8:22 AM	7:29 AM	0:24:00	0:21:00	4:12 PM	3:19 PM	0:37:00	0:19:00	0:03:00	Shorter	0:18:00	Shorter
4	8:12 AM	7:16 AM	0:34:00	0:34:00	4:28 PM	3:34 PM	0:53:00	0:34:00	0:00:00	Same	0:19:00	Shorter
6	8:29 AM	7:37 AM	0:20:00	0:13:00	4:04 PM	3:30 PM	0:26:00	0:30:00	0:07:00	Shorter	0:04:00	Longer
1	8:29 AM	7:37 AM	0:20:00	0:13:00	3:39 PM	3:13 PM	0:01:00	0:13:00	0:07:00	Shorter	0:12:00	Longer
5	8:40 AM	7:07 AM	0:14:00	0:43:00	4:09 PM	3:30 PM	0:34:00	0:30:00	0:29:00	Longer	0:04:00	Shorter
3	8:40 AM	7:07 AM	0:14:00	0:43:00	4:09 PM	3:30 PM	0:34:00	0:30:00	0:29:00	Longer	0:04:00	Shorter
5	8:42 AM	7:25 AM	0:07:00	0:25:00	3:40 PM	3:18 PM	0:05:00	0:18:00	0:18:00	Longer	0:13:00	Longer
1	8:20 AM	7:27 AM	0:26:00	0:23:00	4:10 PM	3:22 PM	0:35:00	0:22:00	0:03:00	Shorter	0:13:00	Shorter
6	8:07 AM	7:36 AM	0:42:00	0:14:00	4:26 PM	3:08 PM	0:48:00	0:08:00	0:28:00	Shorter	0:40:00	Shorter
2	8:39 AM	7:15 AM	0:14:00	0:35:00	3:48 PM	3:23 PM	0:13:00	0:23:00	0:21:00	Longer	0:10:00	Longer
4	8:30 AM	7:22 AM	0:23:00	0:28:00	4:16 PM	3:31 PM	0:41:00	0:31:00	0:05:00	Longer	0:10:00	Shorter
2	8:28 AM	7:15 AM	0:26:00	0:35:00	4:38 PM	3:36 PM	1:03:00	0:36:00	0:09:00	Longer	0:27:00	Shorter
2	8:32 AM	7:22 AM	0:22:00	0:28:00	N/A	3:30 PM	N/A	0:30:00	0:06:00	Longer		
6	8:32 AM	7:22 AM	0:22:00	0:28:00	N/A	3:30 PM	N/A	0:30:00	0:06:00	Longer		
1	8:32 AM	7:22 AM	0:22:00	0:28:00	N/A	3:30 PM	N/A	0:30:00	0:06:00	Longer		
4	8:32 AM	7:22 AM	0:22:00	0:28:00	N/A	3:30 PM	N/A	0:30:00	0:06:00	Longer		
K	8:43 AM	7:23 AM	0:06:00	0:27:00	3:38 PM	3:17 PM	0:03:00	0:17:00	0:21:00	Longer	0:14:00	Longer
6					3:41 PM	3:17 PM	0:06:00	0:17:00	0:00:00	Same	0:11:00	Longer
6	8:28 AM	7:24 AM	0:25:00	0:26:00	4:17 PM	3:32 PM	0:42:00	0:32:00	0:01:00	Longer	0:10:00	Shorter
3	8:28 AM	7:24 AM	0:25:00	0:26:00	4:17 PM	3:32 PM	0:42:00	0:32:00	0:01:00	Longer	0:10:00	Shorter
4	8:28 AM	7:24 AM	0:25:00	0:26:00	4:17 PM	3:32 PM	0:42:00	0:32:00	0:01:00	Longer	0:10:00	Shorter
1	8:28 AM	7:24 AM	0:25:00	0:26:00	4:17 PM	3:32 PM	0:42:00	0:32:00	0:01:00	Longer	0:10:00	Shorter
2	8:07 AM	7:36 AM	0:42:00	0:14:00	3:41 PM	3:19 PM	0:06:00	0:19:00	0:28:00	Shorter	0:13:00	Longer
4	8:07 AM	7:36 AM	0:42:00	0:14:00	4:26 PM	3:08 PM	0:48:00	0:08:00	0:28:00	Shorter	0:40:00	Shorter
3	8:22 AM	7:08 AM	0:32:00	0:42:00	4:30 PM	3:43 PM	0:55:00	0:43:00	0:10:00	Longer	0:12:00	Shorter
2	8:22 AM	7:08 AM	0:32:00	0:42:00	4:30 PM	3:43 PM	0:55:00	0:43:00	0:10:00	Longer	0:12:00	Shorter
2	8:22 AM	7:08 AM	0:32:00	0:42:00	4:30 PM	3:43 PM	0:55:00	0:43:00	0:10:00	Longer	0:12:00	Shorter
5	8:22 AM	7:24 AM	0:27:00	0:26:00	3:48 PM	3:19 PM	0:10:00	0:19:00	0:01:00	Shorter	0:09:00	Longer
6	8:22 AM	7:24 AM	0:27:00	0:26:00	3:48 PM	3:19 PM	0:10:00	0:19:00	0:01:00	Shorter	0:09:00	Longer
2	8:16 AM	7:30 AM	0:38:00	0:20:00	3:53 PM	3:19 PM	0:18:00	0:19:00	0:18:00	Shorter	0:01:00	Longer
4	8:16 AM	7:30 AM	0:38:00	0:20:00	3:53 PM	3:19 PM	0:18:00	0:19:00	0:18:00	Shorter	0:01:00	Longer
1	8:05 AM	7:34 AM	0:41:00	0:16:00	4:17 PM	3:13 PM	0:42:00	0:13:00	0:25:00	Shorter	0:29:00	Shorter
2	8:16 AM	7:20 AM	0:30:00	0:30:00	4:05 PM	3:30 PM	0:30:00	0:30:00	0:00:00	Same	0:00:00	Same
1	8:16 AM	7:20 AM	0:30:00	0:30:00	4:05 PM	3:30 PM	0:30:00	0:30:00	0:00:00	Same	0:00:00	Same
2	8:39 AM	7:08 AM	0:15:00	0:42:00	4:07 PM	3:31 PM	0:32:00	0:31:00	0:27:00	Longer	0:01:00	Shorter
K	8:39 AM	7:08 AM	0:15:00	0:42:00	4:07 PM	3:31 PM	0:32:00	0:31:00	0:27:00	Longer	0:01:00	Shorter
2	7:25 AM	7:22 AM	1:21:00	0:28:00	4:25 PM	3:40 PM	0:50:00	0:40:00	0:53:00	Shorter	0:10:00	Shorter
2	8:06 AM	7:33 AM	0:43:00	0:17:00	4:23 PM	3:11 PM	0:45:00	0:11:00	0:26:00	Shorter	0:34:00	Shorter
K	8:23 AM	7:32 AM	0:23:00	0:18:00	4:14 PM	3:17 PM	0:39:00	0:17:00	0:05:00	Shorter	0:22:00	Shorter
5	8:15 AM	7:18 AM	0:34:00	0:32:00	3:55 PM	3:25 PM	0:20:00	0:25:00	0:02:00	Shorter	0:05:00	Longer
4	8:29 AM	7:16 AM	0:25:00	0:34:00	4:36 PM	3:34 PM	1:01:00	0:34:00	0:09:00	Longer	0:27:00	Shorter

Ministk Ride Time Comparison												
	Pickup Time		Pickup Ride Time		Dropoff Time		Dropoff Ride Time		Pickup		Dropoff	
Gr	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed	AM DIFF	AM	PM DIFF	PM
2	8:29 AM	7:16 AM	0:25:00	0:34:00	4:36 PM	3:34 PM	1:01:00	0:34:00	0:09:00	Longer	0:27:00	Shorter
4	8:26 AM	7:10 AM	0:28:00	0:40:00	4:40 PM	3:38 PM	1:05:00	0:38:00	0:12:00	Longer	0:27:00	Shorter
3	8:26 AM	7:10 AM	0:28:00	0:40:00	4:40 PM	3:38 PM	1:05:00	0:38:00	0:12:00	Longer	0:27:00	Shorter
3	8:07 AM	7:36 AM	0:42:00	0:14:00	4:26 PM	3:08 PM	0:48:00	0:08:00	0:28:00	Shorter	0:40:00	Shorter
6	8:23 AM	7:15 AM	0:30:00	0:35:00	4:24 PM	3:37 PM	0:49:00	0:37:00	0:05:00	Longer	0:12:00	Shorter
K	8:39 AM	7:08 AM	0:15:00	0:42:00	4:07 PM	3:31 PM	0:32:00	0:31:00	0:27:00	Longer	0:01:00	Shorter
K	8:30 AM	7:35 AM	0:16:00	0:15:00	4:13 PM	3:12 PM	0:35:00	0:12:00	0:01:00	Shorter	0:23:00	Shorter
3	8:33 AM	7:29 AM	0:20:00	0:21:00	N/A	N/A	N/A	N/A				
6	8:33 AM	7:29 AM	0:20:00	0:21:00	N/A	N/A	N/A	N/A				
3	8:29 AM	7:16 AM	0:25:00	0:34:00	4:36 PM	3:34 PM	1:01:00	0:34:00	0:09:00	Longer	0:27:00	Shorter
4	8:42 AM	7:13 AM	0:12:00	0:37:00	3:59 PM	3:25 PM	0:24:00	0:25:00	0:25:00	Longer	0:01:00	Longer
1	8:15 AM	7:31 AM	0:39:00	0:19:00	3:51 PM	3:17 PM	0:16:00	0:17:00	0:20:00	Shorter	0:01:00	Longer
4	8:15 AM	7:31 AM	0:39:00	0:19:00	3:51 PM	3:17 PM	0:16:00	0:17:00	0:20:00	Shorter	0:01:00	Longer
6	8:39 AM	7:29 AM	0:10:00	0:21:00	3:43 PM	3:21 PM	0:08:00	0:21:00	0:11:00	Longer	0:13:00	Longer
4	8:39 AM	7:29 AM	0:10:00	0:21:00	3:43 PM	3:21 PM	0:08:00	0:21:00	0:11:00	Longer	0:13:00	Longer
1	8:40 AM	7:28 AM	0:09:00	0:22:00	3:42 PM	3:20 PM	0:07:00	0:20:00	0:13:00	Longer	0:13:00	Longer
			0:25:10	0:25:30			0:31:05	0:24:16	0:12:26	AM Average	0:14:19	PM Average

AMENDED 2016/17 to 2018/19 Three-year Capital Plan – by project type

New/Replacement Schools:

Priority	School/Location	Area (sq. m.)	Estimated Amount	Notes
1	Wye School, Sherwood Park, Heritage Hills Site (2017)	6,399	$23,625,459	1
4	New K-9 School, Sherwood Park, Cambrian (2019)	7,369	$27,176,435	2
TOTAL		13,768	$50,801,894	

Modernization:

Priority	School/Location	Area (sq. m.)	Estimated Amount	Notes
2	Rudolph Hennig Junior High Modernization (2017)	5,511	$6,445,570	3
3	Sherwood Heights Junior High (modernization and gym addition), Sherwood Park (2018)	6,930	$16,190,070	4
TOTAL		12,441	$22,635,640	5

Notes:

1. The Board agrees to recommend a replacement/addition School for Wye to be located in Heritage Hills. Strathcona County has an available site for the school that provides a total of 11.17 acres. The legal description is: Lot 204MR Block 303 Plan 9221752 (5.46 acres) and Lot 70MR Block 303 Plan 8922571 (5.71 acres). The Area reflects capacity of 750 students. Estimated cost includes construction, professional fees, project expenses, F & E, and CTS expenses, based on 2015 costs. Current occupancy rate is 90% with grade 6 being closed boundary.
2. Area reflects initial capacity of 900. Estimated cost includes construction, professional fees, project expenses, F & E, and CTS expenses, based on 2015 costs.
3. The heating system has become obsolete and requires $3.5 million to replace. There is a significant amount of other costly issues such as electrical, plumbing, asbestos, roof etc. that need to be addressed. Overall cost is around $6.4 million.
4. Reflects modernization of the School with the addition of a gym. Current gym is sized at 412.2 square meters. Based on current Alberta Education design standards, the gym should be 705 square meters. Estimated costs are based on 2015 costing.
5. Modernization projects are not based on construction square meter costs but rather replacement of facility components and associated costs.

2016/17 to 2018/19 Three-year Capital Plan – by BLIMS type

Electronic Entry	BLIMS Type	School/Location
1	Replacement/Addition School	Wye School, (replacement/addition from K-6 to K-9 school) Strathcona County, Heritage Hills site.
2	Modernization	Rudolph Hennig, Fort Saskatchewan
3	Modernization/Addition	Sherwood Heights School, Sherwood Park
4	New School K-9	Sherwood Park, Cambrian

Ten-Year Facilities Plan 2016-2017/2026-2027

Appendix H

Modular New/Replacement Program:

School/Location	No. of Units	New/Replacement	Estimated total cost ($)
Mills Haven Elementary/Sherwood Park	2	New	$658,588
Ministik School/Strathcona County	3	Replacement	$1,037,110
Wes Hosford School/Sherwood Park	8	Replacement	$3,000,032
Total	13	-	$4,695,730

Estimate costs are based on the following;

- The new modular unit cost is based on 2015/2016 cost of the Win Ferguson unit.
- The replacement cost are based in the replacement values found in VFA.

School New/Replacement/Modernization:

Priority	School/Location	Area (sq. m.)	Estimated total cost ($)
1	Wye Elementary Replacement/Addition: Sherwood Park Heritage Hills Site (2017)	6,399	$20,234,550
2	Rudolph Hennig Junior High modernization: Fort Saskatchewan (2018)	5,511	$11,659,242
3	Sherwood Heights Junior High modernization & gym addition: Sherwood Park (2018)	6,721	$14,219,155
4	New school: Fort Saskatchewan (2019)	5,031-6,729	$15,910,739-$21,278,057
5	New school: Sherwood Park (2021)	5,031-6,729	$15,910,739-$21,278,057
6	New school: Fort Saskatchewan (2026)	5,031-6,729	$15,910,739 $21,278,057

Estimate costs are based on the following;

- The 2016 construction costs as per Alberta Infrastructure: $2,666 m2.
- Appendix B: Consultants' Fees, Project Expenses and Furniture and Equipment Support as a Percentage of Building Construction Cost-The School Capital Manual, March 2015.
- Modernizations: 75% of the total 2016 construction cost and fees found Appendix B: Consultants' Fees, Project Expenses and Furniture and Equipment Support as a Percentage of Building Construction Cost-The School Capital Manual, March 2015
- If the modernization cost estimate becomes higher than 75% of a new build, a replacement school may be requested rather than a modernization.

Facility Services is currently undergoing an intensive review of all of our school buildings and modulars to identify and prioritize immediate and future needs. As a result, the *Ten-Year Facilities Plan* will need to be reviewed and updated once this process is complete. *The Ten-Year Facilities Plan* is reviewed and updated on an annual basis