



TOWN OF SWAMPSCOTT  
SELECT BOARD REGULAR SESSION MINUTES  
SEPTEMBER 28, 2022 – 6:00 P.M.  
SWAMPSCOTT HIGH SCHOOL, 200 ESSEX STREET, ROOM B129  
AND VIRTUALLY

**SELECT BOARD MEMBERS PRESENT:** NEAL DUFFY, MARY ELLEN FLETCHER, DAVID GRISHMAN, KATIE PHELAN

**MEMBERS ABSENT:** PETER SPELLIOS

**OTHER TOWN OFFICIALS PRESENT:** SEAN FITZGERALD, TOWN ADMINISTRATOR, GINO CRESTA, DIRECTOR DPW/ASST. TOWN ADMINISTRATOR, GRAHAM ARCHER, FIRE CHIEF, MARZIE GALAZKA, DIRECTOR OF COMMUNITY & ECONOMIC DEVELOPMENT, HEIDI WHEAR, ALL AGES DIRECTOR, SENIOR CENTER, CHIEF RUBEN QUESADA, SWAMPSCOTT POLICE OFFICER JON LOYTE AND JOHN PICARIELLO, CHAIR, ERAC

**OTHER:** AARON D. ROSENBERG, SHEEHAN PHINNEY, ATTORNEY FOR AGGREGATE INDUSTRIES, TANYA TAILOR, OPERATIONS MANAGER, AGGREGATE INDUSTRIES, CHRISTOPHER DRUCAS, AGGREGATE INDUSTRIES, AND JARRETT TEMPLE, REGIONAL MANAGER, AGGREGATE INDUSTRIES

**A. NEW & OLD BUSINESS:**

1. **SWEARING IN OF NEW FIREFIGHTERS:** FIREFIGHTERS GINO DE GIORGIO AND ARIANA SARRO WERE SWORN IN TODAY BY CHIEF ARCHER. BOTH HAVE A COMMON INTEREST IN PUBLIC SERVICE AND ARE VERY WELL QUALIFIED AS FIREFIGHTERS.

2. **AGGREGATE INDUSTRIES EARTH REMOVAL PERMIT PUBLIC HEARING:**

UPON **MOTION**, DULY MADE BY DAVID GRISHMAN, SECONDED BY MARY ELLEN FLETCHER, IT WAS UNANIMOUSLY **VOTED** TO: OPEN THE PUBLIC HEARING FOR AGGREGATE INDUSTRIES' 2021/2022 EARTH REMOVAL PERMIT AT 6:40 P.M.: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

THE EARTH REMOVAL ADVISORY COMMITTEE (ERAC) HAS RECOMMENDED EXTENDING AGGREGATE INDUSTRIES' (AI) 2021.2022 PERMIT AS THERE IS STILL DATA TO BE STUDIED. ERAC CHAIR, JOHN PICARIELLO, DISCUSSED THE BLASTING RECORDS OF 2022. TWO BLASTS EXCEEDED ALLOWED PPV OF .5: ONE WAS RECORDED AT .55 AND A 2ND WAS RECORDED AT .7, ALL OTHER PARAMETERS WERE WITHIN SPECS. THEY HAVE BEEN LOOKING FOR A DIFFERENT COMPANY TO DO DUST & NOISE TESTING BUT HAVE AGREED TO USE TECH ENVIRONMENTAL, INC. OUT OF WALTHAM, MA, TO DO THESE TESTS AGAIN. IN THE SPRING, THEY WILL HAVE ENVIRONMENTAL HEALTH & ENGINEERING, NEWTON, MA, DO THESE TESTS. THIS WILL GIVE ERAC & THE TOWN A BASE LINE FROM FALL TESTING TO COMPARE TO WHEN AI UPGRADES THEIR EQUIPMENT THIS WINTER. THERE WAS A BRIEF DISCUSSION ABOUT EXTENDING THE PERMIT BUT NOT AGREEING TO USE TECH ENVIRONMENTAL TO DO THE TESTING. AI REPRESENTATIVES STATED THAT WHILE THEY ARE ON TECH ENVIRONMENTAL'S SCHEDULE, THEY MAY NOT BE IF THE BOARD DOESN'T VOTE TO ALLOW AI TO USE THEM THIS FALL. AI HAS BEEN USING TECH ENVIRONMENTAL FOR YEARS SO THEY ARE READY TO START THEIR TESTING. THERE WAS ALSO A DISCUSSION ABOUT THE 0.7 BLAST AND WHY IT EXCEEDED THE PPV OF .05. MAINE DRILLING & BLASTING (MD&B) HAS REWRITTEN THEIR DESIGN FOR THE NEXT TIME THEY BLAST IN THAT AREA. TA FITZGERALD TALKED ABOUT THE HUMAN ANNOYANCE FACTOR AND HOW REDUCING THE PPV TO 0.5 HAS MADE A BIG DIFFERENCE TO THE NEIGHBORHOOD. FIRE CHIEF ARCHER IS ALSO PLEASED WITH AI'S PERFORMANCE. THE TOWN WORKED WITH JAY PERKINS, BRIERLEY ASSOCIATES, IN WORKING TO REDUCE THE PPV TO A LEVEL THAT WOULD ELIMINATE THE HUMAN ANNOYANCE FACTOR. HE THANKED AI FOR WORKING WITH THE TOWN AND CONTINUING TO BLAST UNDER 0.5. MR. PERKINS WILL ALSO DO THE ANNUAL BLAST DATA REVIEW AS HE HAS DONE IN THE PAST. AI WOULD LIKE TO MEET WITH THE TOWN AND ERAC TO DISCUSS FUTURE PERMITS. THERE ARE SOME DISAGREEMENTS WITH THE ALLOWABLE PPV REQUIREMENT AND 50' BLAST DEPTH REQUIREMENT. TA FITZGERALD STATED THAT IT IS HIS RESPONSIBILITY TO PROTECT THE TOWN BUT WILL SET UP ANOTHER MEETING TO TALK ABOUT HOW NOT TO PLACE UNDUE BURDENS ON AI.

CHRISTOPHER DRUCAS, AGGREGATE INDUSTRIES REPRESENTATIVE, STATED THAT IT IS IMPORTANT THAT THE BOARD UNDERSTANDS THAT AI DOES NOT PRESENTLY AGREE WITH SOME OF TONIGHT'S DISCUSSION, THAT IT'S ALWAYS BEEN AI'S GOAL TO WORK WITH THE TOWN. AI HAS ISSUES WITH SOME PERMIT CONDITIONS, INCLUDING PPV LEVELS, DECIBEL LEVELS AND THE 50' BLAST DEPTH. AI IS WILLING TO DISCUSS THE PERMIT AND ACCOMMODATIONS FOR THIS PERMIT AS WELL AS FOR FUTURE PERMITS. HE ALSO STATED THAT WHEN THE TOWN HIRES A CONSULTANT, AI RELIES ON THEM AS WELL. THEY FEEL THAT THERE ARE INACCURACIES IN MR. PERKINS'S REPORT OF LAST YEAR. ATTY. ROSENBERG STATED THAT THERE WAS A MEETING BETWEEN COUNSEL IN FEBRUARY WHERE AI WAS ASKED TO PROVIDE

PERMIT LANGUAGE ON CERTAIN PROVISIONS. AI DID THIS IN FEBRUARY, FORWARDED IT TO THE TOWN BUT HAS NOT HEARD BACK. HE ALSO STATED THAT ANYTHING SAID BY AI REPRESENTATIVES TONIGHT IS INTENDED TO BE FORWARD THINKING.

THERE WERE NO PUBLIC COMMENTS.

UPON **MOTION**, DULY MADE BY DAVID GRISHMAN, SECONDED BY MARY ELLEN FLETCHER, IT WAS UNANIMOUSLY **VOTED** TO: CLOSE THE PUBLIC HEARING FOR AGGREGATE INDUSTRIES' 2021/2022 EARTH REMOVAL PERMIT AT 7:26 P.M.: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

UPON **MOTION**, DULY MADE BY DAVID GRISHMAN, SECONDED BY KATIE PHELAN, IT WAS UNANIMOUSLY **VOTED** TO: APPROVE A 120 DAY EXTENSION OF AGGREGATE INDUSTRIES' 2021/2022 EARTH REMOVAL PERMIT. THE PERMIT SHALL EXPIRE ON JANUARY 28, 2023: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

**3. TRAFFIC ADVISORY COMMITTEE UPDATE:** THE TRAFFIC ADVISORY COMMITTEE (TSAC) IS HERE AS A FOLLOW UP TO THEIR PRESENTATION BEFORE THE BOARD ON SEPTEMBER 7TH REGARDING TRAFFIC ISSUES ON PINE ST. OFFICER JON LOYTE DISCUSSED THE RESULTS OF THE SPEED BOARD THAT WAS IN PLACE FOR 21 DAYS: THERE WERE 21,804 VEHICLES, 70% OF WHICH TRAVELED AT 25 MPH OR LESS (THE SPEED LIMIT IS 20 MPH), 90% TRAVELED AT 30 MPH OR LESS AND 10% TRAVELED ABOVE 30 MPH. THE SPEED BOARD CAN'T DISTINGUISH BETWEEN NON-EMERGENCY VEHICLES AND EMERGENCY VEHICLES. DPW INSTALLED TEMPORARY SPEED BUMPS TO HELP SLOW VEHICLES DOWN. THERE ARE FLASHING SIGNS ANNOUNCING THEM. AFTER RESEARCH, OFFICER LOYTE HAS CONCLUDED THAT THE STOP SIGNS THAT WERE ORIGINALLY RECOMMENDED WOULD NOT HELP AS THEY ARE USED TO GIVE RIGHT-OF-WAY, NOT FOR SPEED ENFORCEMENT. OFFICERS HAVE BEEN INSTRUCTED TO PATROL PINE STREET DURING EVERY SHIFT AND TO ISSUE CITATIONS OR SPEEDING TICKETS. TSAC IS LOOKING INTO ALTERNATIVES, INCLUDING STREET SCAPING AND ARE WORKING WITH A TRAFFIC CONSULTANT. THEY ARE GOING TO LOOK AT THE DATA TO SEE IF THEY CAN DETERMINE IF PEOPLE ARE SPEEDING DURING SPECIFIC TIMES OF THE DAY. TA FITZGERALD HAS A CALL INTO THE MBTA REGARDING THE SCHEDULED CLOSURE OF THE LYNN MBTA STATION AND THE BUSSING OF PASSENGERS TO THE SWAMPSCOTT STATION. MS. FLETCHER STATED TO CHIEF QUESADA THAT SHE WOULD LIKE TO SEE OFFICERS TICKET SPEEDERS RATHER THAN ISSUE CITATIONS. SHE ALSO REQUESTED THAT TA FITZGERALD SEND THE BOARD REGULAR UPDATES. PINE ST. RESIDENT, **CINDY CAVALLARO**, COMMENTED THAT SHE IS HAPPY TO HEAR THERE WILL BE MORE POLICE ENFORCEMENT BUT ASKED THAT SPEEDERS BE TICKETED. SHE ALSO STATED THAT THE SHUTTLE BUSES ARE THE BIGGEST OFFENDERS AND BLOCK DRIVEWAYS.

**4. ARPA UPDATE:** THE TOWN RECEIVED \$4.5M IN ARPA FUNDS. WE RECEIVED 779 RESPONSES TO THE COMMUNITY SURVEY PUT OUT IN SEPTEMBER & TOWN EMPLOYEES WERE ENCOURAGED TO PUT FORTH PROJECT IDEAS. MENTAL HEALTH ASSISTANCE IS IN THE TOP 5 OF SURVEY RESPONSES. MR. GRISHMAN WOULD LIKE TO EXPLORE GIVING HOUSING AUTHORITY RESIDENTS ACCESS TO BROADBAND (ACCORDING TO AMY SARRO, ATA/DIRECTOR OF FINANCE & ADMINISTRATION, ARPA FUNDS CAN ONLY BE USED TO INSTALL INFRASTRUCTURE WHICH THE TOWN ALREADY HAS IN PLACE. ARPA FUNDS CAN BE USED TO HELP WITH UTILITY PAYMENTS BUT ONLY FOR 3 MONTHS & IS CAPPED AT A DOLLAR AMOUNT.). TA FITZGERALD HAS A FEW IDEAS FOR HELPING HA RESIDENTS AND WILL REVIEW CONTRACTS WITH TOWN CABLE PROVIDERS. MS. FLETCHER STATED THAT SHE WOULD LIKE TO SEE THE TOWN REVISIT EMPLOYEE BONUSES AS SHE DOESN'T FEEL THE ROUND OF BONUSES GIVEN WERE EQUITABLE, THAT UNIONS (EXCEPT FOR ONE) DIDN'T GET ARPA FUNDS AND EMPLOYEES WHO WORKED AT THE BEGINNING OF THE PANDEMIC DIDN'T GET ANYTHING. TA FITZGERALD STATED THAT UNIONS RECEIVED ARPA FUNDS BUT THROUGH COLLECTIVE BARGAINING. MR. DUFFY STATED THAT HE UNDERSTANDS BUT THE BOARD IS NOT HERE TO DISCUSS THAT COMPENSATION. THERE WAS A DISCUSSION ABOUT SURVEY RESULTS, THE TIMELINE TO SPEND ARPA FUNDS, AND THE CHALLENGES AS TO HOW TO SPEND ARPA FUNDS. TA FITZGERALD WOULD LIKE TO SEE HOUSING INITIATIVES – AFFORDABLE, SENIOR & INCLUSIONARY. HE HAS SPOKEN TO VETERANS' GROUPS AND THE HOUSING AUTHORITY.

#### **5. COMMITTEE APPOINTMENTS:**

- i. **COMMISSION ON DISABILITY:** THE BOARD RECOMMENDS REDUCING MEMBERSHIP FROM NINE TO SEVEN VOTING MEMBERS + ONE ALTERNATE. JEFFREY BRAND AND CAROLINA VELASQUEZ ARE THE ONLY CURRENT MEMBERS. TA FITZGERALD MET WITH PROSPECTIVE MEMBERS, ALL OF WHOM HAVE FACED SOME CHALLENGES AND WILL BRING THOSE EXPERIENCES TO THE COMMISSION. MS. ZELLER STATED THAT SHE IS DEAF, HAS A SUPPORT DOG AND COCHLEAR IMPLANTS. SHE IS EXCITED TO BE ON THE COMMISSION AS SHE FEELS THERE ARE MANY PEOPLE WHO HAVE THE SAME DISABILITY BUT DON'T SPEAK UP.

UPON **MOTION**, DULY MADE BY KATIE PHELAN, SECONDED BY MARY ELLEN FLETCHER, IT WAS UNANIMOUSLY **VOTED** TO: REDUCE THE COMMISSION'S MEMBERSHIP FROM NINE TO SEVEN VOTING MEMBERS + ONE ALTERNATE AND TO APPROVE APPOINTMENTS WITH TERMS AS RECOMMENDED BY THE TOWN ADMINISTRATOR: MS. JILL SUSARREY, 2-YEARS, ALTERNATE; MR. JEFFREY BLONDER, 2-YEARS, MEMBER; MS. VIRGINIA ZELLER, 2-YEARS, MEMBER; MS. DEBORAH NEWMAN (REAPPOINTMENT), 3-YEARS,

MEMBER; Ms. RACHEL CONNARY, 3-YEARS, MEMBER, AND Ms. CINDY CAVALLARO, 3-YEARS, MEMBER: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

- ii. **COUNCIL ON AGING:** TA FITZGERALD MET WITH ANDREA LIFTMAN AND FEELS SHE SHARES A PASSION FOR ADVOCATING FOR SWAMPSCOTT'S SENIORS. BOTH DIRECTOR OF AGING SERVICES, HEIDI WHEAR, AND HE FEELS Ms. LIFTMAN WILL BE A GOOD ADDITION.

UPON **MOTION**, DULY MADE BY DAVID GRISHMAN, SECONDED BY MARY ELLEN FLETCHER, IT WAS UNANIMOUSLY **VOTED** TO: APPOINT Ms. ANDREA LIFTMAN TO THE COUNCIL ON AGING FOR A TERM OF 3-YEARS AS RECOMMENDED BY THE TOWN ADMINISTRATOR: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

- iii. **EARTH REMOVAL ADVISORY COMMITTEE:** JOSEPH MARKARIAN WAS A FORMER TOWN MODERATOR, HAS A COMMITMENT TO SERVE THE TOWN AND COMES WITH A STRONG RECOMMENDATION FROM THE ERAC CHAIR. Ms. FLETCHER ADDED THAT Mr. MARKARIAN SETS THE BAR VERY HIGH AT DPW AND IS ALWAYS AT THE DPW YARD DURING METAL & STYROFOAM COLLECTIONS. SHE IS EXCITED TO HAVE HIM ON THIS COMMITTEE.

UPON **MOTION**, DULY MADE BY DAVID GRISHMAN, SECONDED BY MARY ELLEN FLETCHER, IT WAS UNANIMOUSLY **VOTED** TO: APPOINT Mr. JOSEPH MARKARIAN, JR. TO THE EARTH REMOVAL ADVISORY COMMITTEE FOR A TERM OF 3-YEARS AS AN ALTERNATE AS RECOMMENDED BY THE TOWN ADMINISTRATOR: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

- iv. **HISTORICAL COMMISSION:** Ms. FRANCESKA O'REILLY IS LOOKING FORWARD TO WORKING ON THE COMMISSION AND GETTING INVOLVED IN SERVING THE TOWN. SHE COMES HIGHLY RECOMMENDED BY THE COMMISSION'S CHAIR. Mr. DUFFY WOULD LIKE TO REAPPOINT JUSTINA OLIVER, JONATHAN LEAMON, BRAD GRAHAM AND RYAN JUDKINS AS WELL.

UPON **MOTION**, DULY MADE BY MARY ELLEN FLETCHER, SECONDED BY KATIE PHELAN, IT WAS UNANIMOUSLY **VOTED** TO: MAKE APPOINTMENTS TO THE HISTORICAL COMMISSION FOR TERMS AS RECOMMENDED BY THE TOWN ADMINISTRATOR: Ms. FRANCESKA O'REILLY, 3-YEAR TERM, MEMBER; Mr. JONATHAN LEAMON, 3-YEAR TERM, MEMBER; Ms. JUSTINA OLIVER, 1-YEAR TERM, MEMBER; Mr. BRAD GRAHAM, 3-YEAR TERM, MEMBER AND Mr. RYAN JUDKINS, 3-YEAR TERM, MEMBER: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

- v. **RECREATION COMMISSION:** TA FITZGERALD MET WITH ALL THREE NEW APPOINTMENTS AND FEELS THEY WILL BE GREAT ADDITIONS TO THE RECREATION COMMISSION.

UPON **MOTION**, DULY MADE BY DAVID GRISHMAN, SECONDED BY KATIE PHELAN, IT WAS UNANIMOUSLY **VOTED** TO: MAKE APPOINTMENTS TO THE RECREATION COMMISSION FOR TERMS AS RECOMMENDED BY THE TOWN ADMINISTRATOR: Mr. THOMAS YOUNGER, MEMBER, 3-YEAR TERM; Ms. JILL SUSARREY, MEMBER, 3-YEAR TERM; Mr. ROBERT REARDON, MEMBER, 3-YEAR TERM: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

- vi. **SWAMPSCOTT FOR ALL AGES:** TA FITZGERALD STATED THAT HE APPRECIATES THE HARD WORK DONE BY Ms. WHEAR AND Mr. POWELL. THEY REORGANIZED THIS COMMITTEE TO MAKE IT MORE EFFICIENT AND EFFECTIVE. THE SENIOR CENTER IS THE BEST INVESTMENT THE TOWN HAS MADE AND THERE IS A LOT OF WORK HAPPENING WITH SWAMPSCOTT'S SENIORS. Ms. WHEAR THANKED THE BOARD FOR MOVING HER RECOMMENDATIONS FORWARD.

UPON **MOTION**, DULY MADE BY KATIE PHELAN, SECONDED BY DAVID GRISHMAN, IT WAS UNANIMOUSLY **VOTED** TO: MAKE APPOINTMENTS TO THE SWAMPSCOTT FOR ALL AGES COMMITTEE FOR TERMS AS RECOMMENDED BY THE TOWN ADMINISTRATOR: MEMBERS, 5-YEAR TERMS: Mr. ROBERT POWELL, Ms. ALYCE DEVEAU, Ms. PATRICIA HINES; MEMBERS 4-YEAR TERMS: Ms. JENNIFER NISBET, Mr. KEVIN BREEN; MEMBERS, 3-YEAR TERMS: Ms. JOAN MCCORMACK, Ms. MARGARET SOMER, Mr. WILLIAM QUINN; MEMBERS, 2-YEAR TERMS: Ms. SUE SUSSMAN, Ms. CLAIRE REGAN, Ms. MICHELE AUDET: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

- vii. **TRAFFIC STUDY ADVISORY COMMITTEE:** TA FITZGERALD MET WITH PROSPECTIVE MEMBER BETH ISLER AND FEELS SHE WILL BE A GREAT ADDITION TO TSAC.

UPON **MOTION**, DULY MADE BY KATIE PHELAN, SECONDED BY MARY ELLEN FLETCHER, IT WAS UNANIMOUSLY **VOTED** TO: APPOINT Ms. BETH ISLER TO THE TRAFFIC STUDY ADVISORY COMMITTEE AS A MEMBER FOR A TERM OF 1-YEAR AS RECOMMENDED BY THE TOWN ADMINISTRATOR: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

- viii. **ZONING BOARD OF APPEALS:** THE CHAIR RECOMMENDS APPOINTING HEATHER ROMAN AS A FULL MEMBER FROM AN ASSOCIATE POSITION. Mr. DUFFY AGREES.

UPON **MOTION**, DULY MADE BY DAVID GRISHMAN, SECONDED BY MARY ELLEN FLETCHER, IT WAS UNANIMOUSLY **VOTED** TO: APPOINT Ms. HEATHER ROMAN TO THE ZONING BOARD OF APPEALS FOR A TERM OF 5-YEARS AS RECOMMENDED BY THE ZBA

CHAIR: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

**6. SPECIAL TOWN MEETING DISCUSSION, INCLUDING SCHEDULING & PLANNING:** WE ARE LOOKING TO HOLD THE SPECIAL TOWN MEETING ON MONDAY, DECEMBER 5TH. THE SCHEDULE IS AS FOLLOWS: STARTING 1ST WEEK OF OCTOBER – CIC REVIEWS & APPROVED CAPITAL ARTICLES; STARTING 1ST OR 2ND WEEK OF OCTOBER – FIN COMM REVIEWS BUDGET AMENDMENTS AND OTHER FINANCIAL ARTICLES; BY 1ST WEEK OF NOVEMBER – FIN COMM TO APPROVE FINANCIAL ARTICLES; WEDNESDAY, NOVEMBER 16TH IS THE DEADLINE FOR THE SELECT BOARD TO CLOSE THE WARRANT; THURSDAY, NOVEMBER 17TH – WARRANTS ARE MAILED. MS. FLETCHER WOULD LIKE TO SEE THE WARRANT MAILED 30 DAYS PRIOR TO TOWN MEETINGS AS SHE FEELS TWO WEEKS AREN'T LONG ENOUGH. SHE WOULD ALSO LIKE TO SEE THE CAPITAL ARTICLES. MR. DUFFY ASKED TO SEE THE ARTICLE LANGUAGE BEFORE THE BOARD OPENS THE WARRANT AND DOES NOT WANT TO DEAL WITH PLACEHOLDERS. TA FITZGERALD WILL SEND A DRAFT.

**B. PUBLIC COMMENT:** MR. WILLIAM DiMENTO, 1008 PARADISE RD., REGARDING ARPA PAYMENTS. MR. DUFFY HAS STATED THAT TOWN STAFF DECIDED WHO WOULD GET ARPA FUNDS AND HOW MUCH BUT MR. DiMENTO FEELS THAT BECAUSE THE BOARD VOTED ON THESE PAYMENTS, THAT IT'S THE BOARD'S RESPONSIBILITY TO MAKE PAYMENTS RIGHT AS HE FEELS SOME EMPLOYEES WERE LEFT OUT.

**C. VOTES OF THE BOARD:**

**1. CONSENT AGENDA ITEMS:**

- VOTE TO APPROVE APPLICATION FOR HAWKING & PEDDLING AND DOOR TO DOOR SOLICITATION FOR EMPLOYEE, COREY SAPIENZA, OF SUNRUN (SOLAR PANELS) LOCATED AT 240A CHERRY STREET, SHREWSBURY, MA 01545
- VOTE TO APPROVE MINUTES OF THE REGULAR MEETING OF 9/7/22

MR. DUFFY MADE CHANGES TO THE MINUTES OF SEPTEMBER 7<sup>TH</sup>.

UPON **MOTION**, DULY MADE BY MARY ELLEN FLETCHER, SECONDED BY DAVID GRISHMAN, IT WAS UNANIMOUSLY **VOTED** TO: APPROVE THE CONSENT AGENDA WITH THE MINUTES OF SEPTEMBER 7, 2022 AMENDED: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

**D. TOWN ADMINISTRATOR'S REPORT**

- **ASSESSOR'S OFFICE:** INTERIM ASSESSOR, DICK SIMMONS, IS WORKING ON TAX CLASSIFICATION & RATE SETTING. VALUES HAVE DROPPED A LITTLE.
- **KING'S BEACH:** I AM STILL INVESTIGATING OPTIONS FOR BACTERIA REMOVAL AS I DON'T THINK THE UV DISINFECTION SYSTEM IS THE BEST WAY FOR SWAMPSCOTT. I AM MEETING WITH MR. DUFFY & MR. GRISHMAN FRIDAY TO FURTHER THIS DISCUSSION AND AM CONTINUING TO PRESS FOR A SOLUTION.
- **FIRE DEPT.:** TWO NEW FIREFIGHTERS WERE SWORN IN: GINO DE GIORGIO & ARIANA SARRO. BOTH ARE WONDERFUL ADDITIONS TO THE DEPT. AND BRING A HOST OF SKILLS.
- **VETERANS:** I MET WITH MIKE SWEENEY, VETERAN'S AGENT, AS WELL AS THE STAKEHOLDERS AT VETERAN'S CROSSING, THIS TIME AT THE SENIOR CENTER. WE HAD ANOTHER PRODUCTIVE MEETING DISCUSSING VETERAN OUTREACH, SCHOLARSHIPS, WREATHS ACROSS AMERICA AND BUDGET PLANNING.
- **SENIOR CENTER:** THE NEWLY ORGANIZED SWAMPSCOTT FOR ALL AGES COMMITTEE IS NOW UP & RUNNING THANKS TO TODAY'S APPOINTMENTS. HEIDI AND I HAVE SPENT TIME DISCUSSING THE NEED FOR SENIOR HOUSING. I ALSO ATTENDED A SEA GLASS VILLAGE EVENT AT THE FIRST CHURCH AND WAS ASKED TO SHARE A FEW REMARKS ON THE WORK THE TOWN HAS DONE OVER THE LAST FEW YEARS INVESTING IN OUR SENIOR SERVICES AND MEETING THE BROADER NEEDS OF THE TOWN'S AGING POPULATION. I INTRODUCED MARBLEHEAD'S TOWN ADMINISTRATOR, THATCHER KEEZER, AND SPOKE TO PASTOR IAN ABOUT EFFORTS TO ENGAGE OUR YOUNGER POPULATION AS WE STRATEGIZE ON HOW TO BUILD A STRONGER, MORE CONNECTED COMMUNITY.
- **DPW:** CONTINUES TO WORK HARD FOR OUR RESIDENTS. LAST WEEK THEY INSTALLED A RECTANGULAR RAPID FLASHING BEACON ON HUMPHREY ST. AT MONUMENT AVE. AND REPAIRED A RUPTURED WATER MAIN ON PALMER RD. REPAIR ON KING'S BEACH SEAWALL CONTINUES. THE LAST PHASE FOR THIS YEAR IS EXPECTED TO WRAP UP IN OCTOBER AND THE FINAL PHASE WILL BE COMPLETED IN THE SPRING.
- **BOARDS & COMMISSION:** WE ARE CONTINUING TO FILL VACANCIES, HAVING APPOINTED 12 NEW MEMBERS AND 1 RETURNING MEMBER TO VARIOUS BOARDS, NOT INCLUDING SWAMPSCOTT FOR ALL AGES. RESIDENTS INTERESTED IN SERVING ON A BOARD CAN SIGN UP ON THE TOWN'S WEBSITE UNDER THE "HOW DO I TAB".
- **LIBRARY:** THE FRIENDS OF SWAMPSCOTT PUBLIC LIBRARY IS HOLDING ITS ANNUAL FLOWER BULB SALE. BULBS MUST BE ORDERED BY OCTOBER 15TH.
- **POLICE DEPT.:** CHIEF QUESADA & I ARE REVIEWING A SCOPE OF WORK TO SIGNIFICANTLY IMPROVE OPERABILITY OF THE CURRENT RADIO INFRASTRUCTURE AND RADIO EQUIPMENT. HE IS GOING TO PROVIDE ME AN UPDATED MAP SHOWING THE PROMULGATION OF RADIO SIGNALS AND CELL PHONE SIGNALS TO SEE HOW WE CAN BETTER ADDRESS PUBLIC SAFETY NEEDS. RESIDENTS CAN GET THROUGH TO 911

DUE TO IMPROVEMENTS ALREADY MADE.

- RECREATION: THE THIRD ANNUAL SWAMPTOBERFEST WAS QUITE A SUCCESS, RAISING \$26,000 FOR THE TOWN & YACHT CLUB. THE FALL TOWN-WIDE YARD SALE WAS ALSO A SUCCESS.
- HISTORICAL COMMISSION: NANCY SCHULTZ AND I MET TO DISCUSS HOW THE TOWN CAN WORK WITH THE COMMISSION TO CREATE AN EXHIBIT IN OBSERVANCE OF INDIGENOUS PEOPLES' MONTH, WHICH BEGINS OCTOBER 15TH. SHE IS WORKING WITH SALEM STATE UNIVERSITY. DETAILS WILL BE ANNOUNCED SOON.
- MR. GRISHMAN ASKED WHEN THE TOWN HALL GARAGE IS GOING TO BE REPAIRED. MAX KASPER, FACILITIES DIRECTOR, IS WORKING ON IT AND WILL BE ADDRESSING IT THROUGH CAPITAL NEEDS AT EITHER THE SPECIAL TOWN MEETING IN DECEMBER OR THE ANNUAL TOWN MEETING IN MAY.
- MR. DUFFY ASKED IF THE TOWN IS PLANNING ANYTHING FOR INDIGENOUS PEOPLES' DAY. TA FITZGERALD IS WORKING ON AN EVENT.

**E. SELECT BOARD TIME:**

1. MR. DUFFY: NOTHING TO ADD.
2. MS. FLETCHER: 1) WANTED TO SAY THAT JANELL CAMERON IS RETIRING AND THERE AREN'T ENOUGH WORDS TO EXPRESS HOW AMAZING SHE IS; 2) THE VOLUNTEERS FOR SOLID WASTE ADVISORY ARE ALSO UNBELIEVABLE. THEY WENT THROUGH AND SEPARATED RETURNABLE CANS AT SWAMPTOBERFEST, HAVE 12 BAGS WHICH THE DPW IS GOING TO RETURN.
3. MR. GRISHMAN: NOTHING TO ADD.
4. MS. PHELAN: JANELL CAMERON IS RETIRING AFTER 20 YEARS WORKING IN THE SCHOOLS. SHE HAS HELPED COUNTLESS PARENTS, TEACHERS, ADMINISTRATORS, STUDENTS AND THE TOWN IN COUNTLESS WAYS. MS. PHELAN WOULD LIKE TO SEE HER RECOGNIZED IN SOME WAY.
5. MR. SPELLIOS: ABSENT

UPON **MOTION**, DULY MADE BY DAVID GRISHMAN, SECONDED BY KATIE PHELAN, IT WAS UNANIMOUSLY **VOTED** TO: ADJOURN AT 9:09 P.M.: ALL IN FAVOR YES. ANY OPPOSED NO. MOTION PASSES.

TRUE ATTEST,

DIANNE MARCHESE, EXECUTIVE ASSISTANT TO THE SELECT BOARD & TOWN ADMINISTRATOR

APPROVED BY THE SELECT BOARD OCTOBER 6, 2022

ATTACHMENTS:

AGGREGATE PERMIT

ARPA UPDATE PRESENTATION

APPOINTMENTS

HAWKING & PEDDLING LICENSE APPLICATION

TOWN ADMINISTRATOR'S REPORT



Mine Safety and Health Administration

### Respirable Dust (quartz) - Analytical Report

Sample Date: 03/29/2022

Collector AR: 5159	Mine ID: 1900020	Received On: 04/08/22
AR Name: Everett Kinser	Mine Name: SWAMPSCOTT QUARRY	Analyzed On: 04/11/22
Field Office: M2861:Portsmouth NH Field Office	Operator Name: Aggregate Industries Northeast Region	Validated On: 04/13/22
District Office: Warrendale District	Sample Date: 03/29/2022	
Event Number: 6899841	Commodity: Crushed, Broken Traprock	

#### Personal Exposure Samples

Sample Information						Respirable Dust			Silica			Enforcement Calculations					
Field Sample No.	Start	Stop	Duration (Min.)	Void Code	Remarks	Mass Adjusted For Control	Control Field Sample No.	Resp. Dust Mass (mg)	Analysis Status	Silica Mass (mg)	Percent	C 8 Hour SWA	TLV	EF (Error Factor)	E = (TLV)*EF	C / E	Compliance
782979	07:25	15:44	499	--	--	Y	782537	0.522	--	--	--	--	--	--	--	--	--

#### Area Samples

Sample Information	Respirable Dust	Silica	Enforcement Calculations
--------------------	-----------------	--------	--------------------------

No data returned for this view. This might be because the applied filter excludes all data.

**Personal Exposure Data Summary (PEDS)**

Field Sample No.	Location	Contaminant	Concentration	Exposure Limit	Short Term	Protection Used	Miner Name	Occupation	Compliance
782979	General	Quartz, respirable fraction, > 1% quartz	-	-	N	N	MATTHEW CARRIER	Laborer, Bullgang	--

## Area Samples Data Summary (ASDS)

No data returned for this view. This might be because the applied filter excludes all data.

Gravimetric analysis by MSHA Method P19. Silica analysis by MSHA Method P2.

Satisfactory receipt of samples unless otherwise noted above

Sample masses less than 0.100mg are not reported. Quartz masses less than 0.02mg are not reported and can not result in a citation. Cristobalite masses less than 0.040mg are not reported.

TWA - Time weighted average.

SWA - Shift weighted average.

TLV - threshold Limit value.

STEL - Short Term Exposure Limit.

ANP - Analysis Not Performed.

ND - Not detected above detection limit.

NA - No applicable.

Approved By: Report issued by OCI O



---

***NOISE MANAGEMENT PLAN FOR  
AGGREGATE INDUSTRIES  
SWAMPSCOTT QUARRY***

***SWAMPSCOTT, MASSACHUSETTS***

---

***March 2022***



**NOISE MANAGEMENT PLAN  
FOR AGGREGATE INDUSTRIES  
SWAMPSCOTT QUARRY**

**SWAMPSCOTT, MASSACHUSETTS**

*Prepared for:*

Aggregate Industries Northeast Region, Inc.  
1715 Broadway  
Saugus, Massachusetts 01906

*Submitted to:*

Swampscott Board of Health  
22 Monument Avenue  
Swampscott, Massachusetts 01907

*Prepared by:*

Tech Environmental, Inc.  
303 Wyman Street, Suite 295  
Waltham, Massachusetts 02451  
(781) 890-2220

March XX, 2022

## TABLE OF CONTENTS

<u>Section</u>	<u>Contents</u>	<u>Page</u>
1.0	INTRODUCTION.....	1
2.0	ACOUSTIC CONCEPTS.....	2
3.0	NOISE REGULATIONS.....	3
3.2	Swampscott By-Laws – Article XIII (Earth Removal).....	3
3.2	MassDEP Noise Policy.....	3
3.3	Federal Noise Standards.....	4
4.0	NOISE MANAGEMENT.....	5
4.1	Unacceptable Activities.....	5
4.2	Remedial Actions.....	6
4.3	Noise Reduction Plan.....	6
4.4	Noise Complaint Procedures.....	7

## 1.0 INTRODUCTION

This is a noise management plan (the “Plan”) for the Aggregate Industries Northeast Region, Inc. (“AI”) operations occurring at its quarry located in Swampscott, Massachusetts (the “Quarry”). The Plan satisfies Condition 5(a) (Noise Management Plan) of the Earth Removal Permit (the “Permit”) issued by the Town of Swampscott (the “Town”).<sup>1</sup>

Condition 5(a) of the Permit requires AI to prepare an ongoing noise management plan that includes: (1) the applicable local, state, and federal noise standards; (2) the actions AI will take if such noise standards are exceeded; and (3) activities that are unacceptable and not allowed because they are expected to exceed the noise levels. Furthermore, the Permit requires that the Plan document the remedial actions taken by the AI when applicable standards are exceeded as well as establish a plan for further reducing noise levels at neighboring properties. Lastly, the Permit requires that the Plan also include a process for addressing neighborhood complaints of high noise levels.

Section 2 of this report presents acoustic concepts. Section 3 presents the applicable local, state and federal noise standards. And Section 3 presents activities that are unacceptable, remedial actions to be taken when the applicable standards are exceeded, a plan for further reducing noise levels, and a process for addressing neighborhood complaints.

---

<sup>1</sup> Earth Removal Permit for Aggregate Industries Northeast Region, Inc., July 1, 2021 – June 30, 2022, Town of Swampscott, Massachusetts.

## 2.0 ACOUSTIC CONCEPTS

All sounds originate with a source – a human voice, vehicles on a roadway, or an airplane overhead. The sound energy moves from the source to a person's ears as sound waves, which are minute variations in air pressure. The loudness of a sound depends on the sound pressure level, which has units of decibel (dB). The decibel scale is logarithmic to accommodate the wide range of sound intensities to which the human ear is subjected. On this scale, the quietest sound we can hear is assigned the value 0 dB, while the loudest is set at 120 dB.

A property of the decibel scale is that the numerical values of two separate sounds do not directly add. For example, if a sound of 50 dBA is added to another sound of 50 dBA, the total is only a 3-decibel increase (or 53 dBA total) on the decibel scale, not a doubling to 100 dBA. A 3-dBA change is the minimum perceptible change for a person with normal hearing, while a 5-dBA change is noticeable.

Community sound studies and regulations use an A-weighted frequency spectrum when measuring sound pressure levels, as this approximates the response of the human ear to sound, and thus sound levels are reported as A-weighted decibels (dBA). Most sounds we hear in our daily lives have sound pressure levels in the range of 30 dBA to 90 dBA<sup>2</sup>. A person speaking in a normal conversational voice produces a sound level of 65 dBA at a distance of three (3) feet. Thus, two (2) people having a conversation each hear a voice at 65 dBA. Every ten (10) decibel increase is perceived as a doubling of loudness, while a ten (10) decibel decrease is sensed as a halving of loudness. Thus, 75 dBA (a loud voice) is perceived as twice as loud as 65 dBA, and 55 dBA (a quiet voice) is heard as half as loud as 65 dBA.

---

2 U.S. DOT, FHWA, Noise Fundamentals Training Document, Highway Noise Fundamentals, September 1980.

### **3.0 NOISE REGULATIONS**

This section describes the applicable local, state and federal noise standards.

#### **3.2 Swampscott By-Laws – Article XIII (Earth Removal)**

Article XIII (Earth Removal) of the By-Laws of the Town of Swampscott (“Swampscott By-Laws”) prescribes exemptions, procedures, limitations, etc. for the removal off site of any form of soil, and it is applicable to the Quarry. Section 3 (Earth Removal Procedure) of Article XIII states that the removal of earth material be considered contrary to the best interest of the Town if it will, “produce noise, vibration, dust or other effects in amounts which are unreasonable, detrimental or otherwise interfere with the normal use of adjacent property or otherwise creates a nuisance.” The Swampscott By-Laws do not otherwise prescribe an objective noise limit that is applicable to the Quarry, or a definition of a “nuisance”.

#### **3.2 MassDEP Noise Policy**

The Massachusetts Department of Environmental Protection (“MassDEP”) regulates noise through 310 CMR 7.10, "Air Pollution Control". In these regulations "air contaminant" is defined to include sound and a condition of "air pollution" includes the presence of an air contaminant in such concentration and duration as to "cause a nuisance" or "unreasonably interfere with the comfortable enjoyment of life and property". Regulation 7.10 further prohibits "unnecessary emissions" of noise. The MassDEP Noise Policy (Policy Statement 90-001, February 1, 1990) interprets a violation of this noise regulation to have occurred if the source causes either:

1. An increase in the broadband sound pressure level of more than ten (10) dBA above the ambient, or
2. A "pure tone" condition.

The MassDEP Noise Policy defines ambient as the background a-weighted sound level that is exceeded 90% of the time (i.e., L<sub>90</sub> metric). The policy also defines a "pure tone" condition to occur

when any octave band sound pressure level exceeds both of the two (2) adjacent octave band sound pressure levels by three (3) dB or more.

The MassDEP Noise Pollution Policy Interpretation indicates that the noise impacts from sound sources should be evaluated at the site property line and the nearest residence or other sensitive receptor<sup>3</sup>. Furthermore, the same interpretation states that noise levels that exceed the criteria at the source's property line by themselves do not necessarily result in a violation or a condition of air pollution under MassDEP regulations.

This Plan assumes that compliance with the MassDEP Noise Policy infers compliance with the Swampscott By-Laws.

### **3.3 Federal Noise Standards**

There is no federal standard concerning safe levels of noise in the community that is applicable to the Quarry and the Town.

---

<sup>3</sup> <https://www.mass.gov/files/documents/2018/01/31/noise-interpretation.pdf>

## 4.0 NOISE MANAGEMENT

This section describes activities that are unacceptable, remedial actions to be taken when the applicable standards are exceeded, a plan for further reducing noise levels, and a process for addressing neighborhood complaints.

### 4.1 Unacceptable Activities

AI is committed to implementing reasonable and feasible restrictions on activities that are unacceptable and are not allowed because they are expected that they could exceed applicable standards. Those activities include the following:

- **Hours of Operations.** All Quarry operations will comply with the allowable hours per Condition 9 (Hours of Operation) of the Permit. These restrictions limit noise producing activities, such as rock crushing operations, drilling, stockpiling, and truck activity, to specific daytime hours.
- **Blasting.** Blasting will only be performed in accordance with Condition 9(d) (Hours of Operation) and Condition 10 (Blasting) of the Permit. These restrictions limit blasting to the hours of 10:00 a.m. to 2:00 p.m. and limit the frequency of blasts to two (2) times per week and fifty (50) times per year.
- **Truck Speeds.** Vehicles traveling around the processing plants and stockpiles areas shall not travel at excessive speeds.
- **Stockpile Drop Heights.** Quarry stockpiling will be conducted with the height of the lifts and discharge distances to the top of the stockpiles kept to a minimum.
- **Maintenance.** Diesel powered equipment will be regularly inspected and maintained with any noise related defects rectified.
- **Idling Equipment.** Processing equipment shall not be left to idle for an extended period when not in use.



## 4.2 Remedial Actions

Any testing of noise levels exceeding the criteria established will trigger the response and corrective action measures contained herein. Those actions may include, but are not limited, to the following:

- Relocating, modifying, or ceasing operations, as feasible, to minimize noise emissions;
- Instructing mobile heavy equipment (e.g., loaders, dump trucks, etc.) to operate in first gear;
- Reducing the drop heights and/or number of drops of materials during operations;
- Reducing the hours of operation for Quarry operations;
- Shutting down auxiliary equipment that is not critical to Quarry operations;
- Reviewing the noise performance of processing equipment and maintenance of all earthmoving equipment and mitigation measures; and
- Providing training to all Quarry personnel, contractors, and their employees to make aware of their obligations and responsibilities with regard to minimizing noise emissions.

## 4.3 Noise Reduction Plan

AI has established a plan for further reducing noise levels at neighboring properties if noise standards remain exceeded after remedial actions (Section 4.2) are implemented. Noise levels at neighboring properties would be further reduced by the implementing the following:

- Enclosures, curtains and/or covers for fixed crushing and screening equipment;
- Partially enclose conveyor transfer points;
- Partially enclose mobile crushing equipment;
- Line surge bins, chutes, screens, etc. with absorbing material to minimize impact noise;
- Install improved silencers on drills, vehicle engines, etc.
- Relocate processing equipment to areas more effectively shielded by natural materials; and
- Construct earth berm barriers and/or noise barrier walls to block noise.

#### 4.4 Noise Complaint Procedures

Any complaint received, either directly to the Quarry, or indirectly via the Town, will trigger the implementation of the response action measures described herein. The Quarry will request that the Town notify them immediately if they receive a complaint to allow for prompt company response and follow-up. Complainants will be requested to identify the location of the incident as well as the time of day that it was detected and any other relevant information. All noise complaints shall be forwarded to the Quarry Manager and logged with the AI Environmental Department. The Quarry Manager shall then ensure the following steps:

- Identify and document sources of noise contributing to the complaint;
- Determine weather conditions (both current and at the time that the complaint was made), and
- Report on all on-site activities at the time the complaint was made.

If the information collected from the above procedures indicates that Quarry is not the source of the noise complaint, the complainant shall be notified of this finding. Documentation supporting this response mechanism shall be provided to the Town, upon request. The Quarry Manager or other Quarry staff shall respond to all complaints within 72 hours with a phone call or email to the complainant.

If it is determined that the complaint is related to Quarry activities, the following response procedures shall be followed, in the order provided below:

- **Level 1** – Inspection and correction of operations: The Quarry Manager shall ensure that all elements of the Quarry operations are operating appropriately and that the restrictions contained in Section 4.1 are being adhered to.
- **Level 2** – Noise testing: If the Level 1 response does not adequately resolve the source of the noise complaint, the Quarry shall conduct noise testing to identify the source of noise that has caused the complaint and if there is an exceedance of applicable standards.
- **Level 3** – Remedial actions, if feasible: If the Level 2 response does not adequately resolve the source of the noise complaint and it demonstrates an exceedance of applicable standards,

the remedial actions contained in Section 4.2 should be reviewed and implemented, where feasible. Following the adoption of any remedial actions, further noise testing should be conducted to assess the effectiveness of those actions.

- **Level 4 – Operational modifications:** If the Level 3 response does not adequately resolve the source of the noise complaint and it demonstrates an exceedance of applicable standards, the Quarry shall commit to making physical changes to the Quarry to address the source of the noise emissions. Such changes may include, but are not limited to, those items listed in Section 4.3. Following the adoption of any operational modifications, further noise testing should be conducted to assess the effectiveness of the modifications.

Records will be kept onsite. If a complaint is received, the Quarry shall notify the Town, in writing, of each complaint within two (2) business days of the complaint. The notification shall include:

- A description of the nature of the complaint;
- The time, date, and location of the incident;
- The wind direction and weather conditions at the time of the incident; and
- The names of Quarry personnel responsible for handling the incident.

**Swampscott Quarry Plant Upgrade  
Dust Management Plan (DMP)**

**October 5, 2021**

**Aggregate Industries US  
Northeast Region  
(AINER-US)**

## **Executive Summary**

The following document presents a Dust Management Plan (DMP). The DMP has been prepared for the Swampscott Quarry Plant Upgrade Project, to be located at Aggregate Industries Swampscott Quarry at 30 Danvers Road, Swampscott, MA.

The DMP identifies of the primary sources of fugitive dust emissions generated from quarry operations. Fugitive emissions are a combination of large dust particles that can be annoying if emitted in sufficient quantities to collect in neighbors' yards or on their cars, and respirable dust that is considered a criteria air pollutant by EPA and MassDEP. Together these dusts are called Total Suspended Particulate (TSP). Typically, dust is assessed on a weight basis. Emission rates are discussed in weight per time (such as tons per year or pounds per hour), and emission concentrations are discussed in weight per time (such a micro-grams per cubic meter or small fractions of a pound per square foot). On a weight basis nearly all, or at least a large majority of fugitive dust is not respirable dust. Therefore, when one complains of visible dust emissions either in the air or on the ground or objects, the focus is placed on employing processes that will minimize those impacts.

This DMP was developed to minimize visible dust and suspended dust via Best Management Practices (BMPs) so that it does not create annoying conditions off-site. It specifies monitoring, record keeping, and contingency plans in order to maintain effective dust mitigation program.

A copy of the DMP will be kept on file at the Quarry Office and will be followed at all times by staff during Quarry operations.

**TABLE OF CONTENTS**

1.0 INTRODUCTION ..... 1

2.0 EMISSION SOURCES..... 2

    2.1 Overview of Quarry Operations ..... 2

    2.2 Fugitive Emission Sources ..... 3

3.0 CONTROL MEASURES ..... 4

    3.1 Aggregate Blasting, Crushing, Screening, Conveying and Stockpiles ..... 4

    3.2 Unpaved Roads ..... 4

    3.3 Paved Roads ..... 5

    3.4 Off-Site Roads ..... 5

    3.5 Truck Loading and Transportation ..... 5

4.0 IMPLEMENTATION ..... 6

    4.1 Schedule ..... 6

    4.2 Implementation Plan ..... 6

5.0 INSPECTION AND MAINTENANCE ..... 7

    5.1 Maintenance ..... 7

    5.2 Identification of Problems ..... 7

6.0 MONITORING AND RECORDKEEPING ..... 8

7.0 RESPONSE TO COMPLAINTS ..... 9

8.0 CONCLUSION ..... 10

Appendix A – Water Spray System Operations and Maintenance Procedures

## 1.0 INTRODUCTION

A Dust Management Plan (DMP) has been prepared for the Swampscott Quarry (Quarry), located on 30 Danvers Road in Swampscott, Massachusetts. This DMP identifies the primary sources of fugitive dust emissions generated from quarry operations. Fugitive emissions are a combination of large dust particles that can be annoying if emitted in sufficient quantities to collect in neighbors' yards or on their cars, and respirable dust that is considered a criteria air pollutant by EPA and MassDEP. Together these dusts are called Total Suspended Particulate (TSP). Typically, dust is assessed on a weight basis. Emission rates are discussed in weight per time (such as tons per year or pounds per hour), and emission concentrations are discussed in weight per volume (such as micro-grams per cubic meter or small fractions of a pound per square foot). On a weight basis nearly all, or at least a large majority of fugitive dust is not respirable dust. Therefore, when one complains of visible dust emissions either in the air or on the ground or objects, the focus is placed on employing processes that will minimize those impacts. Sources of fugitive dust include traffic from on-site haul routes, aggregate processing and handling, and natural releases occurring from exposed raw or processed material storage. .

To limit the transfer of dust to neighboring properties, the operator must take all reasonable actions to ensure that fugitive dust emissions are minimized using the best management practices associated with the industry.

The objectives of this DMP are to:

- Provide an overview of the operations at the Site and identify potential sources of fugitive dust;
- Discuss dust control measures and implementation frequency for each of the identified sources;
- Outline maintenance and inspection procedures;
- Illustrate how on-going compliance is ensured through the use of a monitoring and record keeping program; and
- Detail the employee training program for fugitive dust control procedures.

Once implemented, the DMP will serve to minimize all dust emissions from the Quarry, so that the risk to human health and the potential for offsite nuisance is also minimized.

## **2.0 EMISSION SOURCES**

### **2.1 Overview of Quarry Operations**

The Quarry is located at 30 Danvers Road, Swampscott, Massachusetts which is situated along the Swampscott/Salem town boundary. The majority of the site is in active use as a Quarry. Portions of the parcel are not in active use, significant land area has been altered in the past and vegetation is in various stages of succession, including open grassed areas, shrub-scrub communities, and forested areas.

Aggregate operates the quarry, a wash plant, a maintenance garage, an office, and supporting activities at the Quarry. There are approximately 28 full time employees at the Quarry, but this number may vary based on seasonal production variations. Quarry operations involve blasting, loading, hauling, crushing and stockpiling of stone into different sizes utilizing primary, secondary, and tertiary crushing processes. The crushed stone is sold and distributed off-site.

The hours of operation vary by process, but are generally within 7:00 AM and 9:00 PM Monday through Friday, and 7:30 AM and 4:30 PM on Saturday. The weekday hours are generally reduced to 7:00 AM to 6:00 PM from Memorial Day to Labor Day. Quarry stockpiling, the manufactured sand plant, and customer sales activities commence as early as 6:00 AM and go as late as 10:00 PM, Monday through Friday.

Daily operations within the Quarry will consist of the following activities:

#### Aggregate Extraction

Rock will be loosened by drilling and blasting operations. Aggregate material will be transferred by front-end loader or excavator to quarry trucks and transported to the Primary Crushing Plant or elsewhere on the site.

#### Aggregate Processing

Crushing and screening of aggregate will occur at the Secondary, Tertiary and Washed Sand processing plants. The processing will be used to crush the aggregate and separate the material into its desired size. The crushed and sized products are then conveyed to stockpiles.

#### Shipping

A front-end loader loads highway trucks from stockpiles for shipment of aggregate off-site. Trucks are weighed in and out at the scale house and ticketed before leaving the Quarry.



## **2.2 Fugitive Emission Sources**

The potential sources of all fugitive dust emissions from the Quarry include:

- Wind erosion of exposed stockpiles;
- Release of dust from blasting, drilling, aggregate crushing, screening, and conveying;
- Mobile equipment, including scrapers, excavators, loaders, dozers, and trucks;
- Truck traffic along roadways within the Quarry;
- Truck traffic along the access road to the Quarry Entrance;
- Truck loading and on-site intermediate truck transportation; and
- Off-site highway truck transportation.

### **3.0 CONTROL MEASURES**

#### **3.1 Aggregate Blasting, Crushing, Screening, Conveying and Stockpiles**

- The processing plant shall be equipped with a water spray system capable of mitigating dust emissions in alignment with MassDEP requirements to 10% opacity or less at conveyor transfer points and 15% opacity or less at crushers.
- The actual water application rate shall vary, being adjusted as needed to reduce visible dust emission.
- Water for the spray system will be provided from and returned to the North Pond, in alignment with the site's Stormwater Pollution Prevention Plan (SWPPP).
- Operations and maintenance procedures for the water spray system are as Appendix A.
- Where possible, the height of lifts and discharge distances to the top of the stockpile will be kept to a minimum.
- During blast hole drilling a two stage dust collection is used to separate coarse cuttings and filter fine dust. Water is also used to control dust during blast hole drilling.
- During blasting, if there is a potential for large dust clouds to accumulate, the blasting surface is wetted before discharge. The weather and wind conditions are also taken into account during blasting.

#### **3.2 Unpaved Roads**

- A water truck is located on-site at all times to deliver water evenly over the haul road surface.
- Water supply shall be available to allow the water truck to fill and apply the full payload if necessary, during all conditions.
- The actual application rate shall vary, depending on surface moisture conditions and traffic conditions.
- Haul routes shall be maintained to ensure that loose fine material on the haul route surface is minimized.
- Vehicles traveling around the processing plants and stockpiles areas shall reduce speed as necessary to reduce trailing dust clouds.

### **3.3 Paved Roads**

- The Quarry shall have the capability to spray water on paved surfaces on-site, as well as roads near the quarry entrance as needed.
- The actual application rate shall vary, depending on surface moisture conditions and traffic levels.
- Aggregate utilizes a street sweeper to sweep the paved areas of the Quarry on an as needed basis.

### **3.4 Off-Site Roads**

- The Quarry will street sweep, clean all dirt and debris from the Danvers Road bridge to the driving range, all quarry roadways, the Danvers Road bridge on Essex Street to the Lynn/Swampscott line and the Danvers Road bridge to Alvin Road at least once every week that trucks haul from the quarry, more often if needed.
- Sidewalks along the above mentioned roads will be maintained clean of stones and dirt spillage. Sweeping will not occur during freezing weather, but the Quarry will keep the aforementioned areas cleaned of dirt and debris spillage. Sweeping will be curb to curb unless a parked car is in the way.

### **3.5 Truck Loading and Transportation**

- Truck loading will be suspended if the Quarry Manager observes uncontrollable dry and dusty conditions sufficient to cause wide-spread visible emissions.
- The highest point of the material loaded into a truck shall not exceed vehicles' tray walls unless it is covered.
- Trucks hauling material that are leaving the Quarry shall have their tarps covering the body and will drive through a wheel wash prior to exiting onto Danvers Road to mitigate drag out and dust emissions.
- The Quarry will use its best effort to provide substitute spraying of vehicles exiting the quarry if the wheelwash becomes mechanically disabled for an extended period.

## **4.0 IMPLEMENTATION**

### **4.1 Schedule**

All control measures are to be in place prior to commencing operations. Control measures shall remain in place so long as the Quarry remains in operation.

### **4.2 Implementation Plan**

The following outlines how the DMP shall be implemented, including training of Quarry personnel:

- The DMP shall be kept on file at the Quarry Office.
- Training on new and existing operating procedures shall be provided to relevant staff.
- Refresher training shall be provided annually.
- The Quarry management shall communicate the DMP to responsible supervisors, who shall ensure staff are following operating procedures defined in the DMP .
- The Quarry Manager shall be responsible for ensuring the DMP is followed.

## **5.0 INSPECTION AND MAINTENANCE**

### **5.1 Maintenance**

The following outlines the details regarding the inspection and maintenance procedures that shall be employed at the site:

- The dust control system for the processing plant will be inspected when in use.
- Haul routes shall be maintained on a regular basis as previously indicated.
- Dust collectors on the rock drills shall be cleaned as needed based on usage.

### **5.2 Identification of Problems**

The Quarry Manager shall be informed of any issues that arise from inspections performed. Operations may be curtailed if dust control equipment is not adequately performing.

## **6.0 MONITORING AND RECORDKEEPING**

Visual inspection for dusty conditions in areas of emission sources identified in the DMP shall occur as needed to maintain emissions compliance. Records shall be made each time the following events occur:

- Water truck operation;
- Unpaved haul road maintenance;
- Dust suppression system maintenance;
- Wet or vacuum-sweeper arrives and cleans paved surfaces;
- Non-compliant conditions are observed, and
- A complaint is received.

Records will be kept onsite. If a complaint is received the Quarry shall notify the MassDEP, in writing, of each environmental complaint within two (2) business days of the complaint. The notification shall include:

- A description of the nature of the complaint;
- The time, date, and location of the incident;
- The wind direction and weather conditions at the time of the incident; and
- The names of Quarry personnel responsible for handling the incident.

The Quarry will have an action plan with regards to its operations in response to a complaint, which is detailed in the following section.

## 7.0 RESPONSE TO COMPLAINTS

The Quarry will request that the MassDEP and/or Town of Swampscott notify them immediately if they receive a complaint to allow for prompt company response and follow-up. Complainants are requested to identify the location of the incident as well as the time of day that it was detected and any other relevant information. All dust complaints shall be forwarded to the Quarry Manager and logged with the Aggregate Industries Environmental Department. The Quarry Manager shall then ensure the following steps:

- Identify and document sources of visible dust contributing to the complaint; and
- Determine weather conditions (both current and at the time that the complaint was made), and
- Report on all on-site activities at the time the complaint was made.

If the information collected from the above procedures indicates that Quarry is not the source of the dust complaint, the complainant shall be notified of this finding. Documentation supporting this response mechanism shall be provided to MassDEP upon request. The Quarry Manager or other Quarry staff shall respond to all complaints within 72 hours with a phone call or email to the complainant.

If it is determined that the complaint is related to Quarry activities, the following response procedures shall be followed, in the order provided below:

- **Level 1** – Inspection and correction of operations: The Quarry Manager shall ensure that all elements of the DMP are being followed. Control measures such as spraying or water truck frequency shall be increased.
- **Level 2** – Review of the DMP: If the Level 1 response does not adequately resolve the source of the dust complaint, the DMP shall be reviewed for additional control measures.
- **Level 3** – Operational modifications: If the Level 2 response does not adequately resolve the source of the dust complaint, the Quarry shall commit to making physical changes to the Quarry to address the source of the dust emissions. Such changes may include, but are not limited to additional enclosures, dust suppression system components and / or additional paving.

## **8.0 CONCLUSION**

This DMP fulfills the requirements of the MassDEP for standard operating procedures for dust control at the Quarry, describing measures to minimize dust emissions from Quarry operations. The Quarry will implement and fully abide by these measures to successfully control on-site dust emissions. Recordkeeping, inspections and oversight will ensure an effective dust mitigation program throughout the lifespan of operations at the Quarry. The DMP will serve to minimize all dust emissions from the quarry, so that the risk to human health and the potential for offsite nuisance is also minimized. The DMP further specifies monitoring, recordkeeping, and contingency plans in order to maintain a lasting and effective dust mitigation program.

A copy of the DMP will be kept on file at the Quarry Office and will be followed at all times by staff during Quarry operations.



## **APPENDIX A**

### **WATER SPRAY SYSTEM OPERATIONS AND MAINTENANCE PROCEDURES**

## **SPR18 –DR. DUST SPRAY SYSTEM OPERATIONS AND MAINTENANCE - Version 2**

The following procedure details routine maintenance activities that are required to keep the spray system operating so that air emissions are minimized from the plant. **All of the activities below must be documented in the maintenance log book when completed.**

### DAILY OPERATIONS

- The Dr. Dust wet dust suppression system shall be started prior to startup of any part of the crushing operation (conveyors, screens, crushers) and shall be operated throughout crushing activities.
- If there is a failure of the Dr. Dust system at any time, SHUTDOWN operations until the problem has been corrected.
- The system shall be turned off only after all parts of the crushing operation have been stopped (conveyors, screens, crushers).
- Conduct a daily inspection of the dust suppression system to make sure that water is flowing from the nozzles.
- Document inspection on the Daily Equipment Emissions Inspection forms.
- Document all maintenance activities on the Plant Pre-shift Inspection sheet.
- Note any deficiencies/malfunctions on maintenance log.
- During periods of cold weather, drain system daily to prevent freezing.

### DAILY MAINTENANCE

- Inspect all spray nozzles. Remove nozzles from the spray bar. Open ball valve on the end of the spray bar. Clean filter and purge the spray bar. Inspect nozzles to ensure proper flow. Reinstall if functioning and close ball valve.
- Any debris that has caked onto the nozzle should be wire brushed. A wire clean-out should be used to unplug orifices. Scaled nozzles can be soaked in vinegar for a day or two to dissolve deposition.
- Inspect the system to make sure that there are no leaks. Tighten fittings as necessary.
- Drain the air compressor so that water does not accumulate in the equipment.

## MONTHLY MAINTENANCE

- Caulk or fill any gaps in the enclosure housing the pump module that could lead to water or debris accumulating on or around the unit.
- Replace any burned out light bulbs.
- Inspect spray manifolds and hose lines for leaks. Tighten as necessary. Leaks at hose to pipe connections may require replacement of rubber washers.
- Clean unit of any dust or debris by brushing or blowing with air. Do not hose down the unit. The system may be wiped down with a wet cloth if the unit has been electrically disconnected to avoid the hazard of severe electrical shock.
- Inspect the water pump and motor. The water pump requires no maintenance other than periodic inspection for leaks or other defects. The pump is lubricated by the liquid moving through it and does not require any other lubrication. Lubricate the pump motor as necessary.

## ANNUAL MAINTENANCE

- Annually pressure-test the pump. Install a pressure gauge on pump discharge line and turn pump on. If pump pressure is below 120 psi (or 80% of manufacturer's spec), check and clean all lines and repeat. If low pressure is still an issue, the pump must be removed and sent to Dr. Dust for a rebuild or replacement.
- At least annually, clean the unit of any dust or debris by brushing or blowing with air. Do not hose down the unit. The system may be wiped down with a wet cloth if the unit has been electrically disconnected to avoid the hazard of severe electrical shock.
- Clean the Y-strainer located at the unit inlet by unscrewing the end cap, removing the strainer and rinsing with water. Some deposits can be removed by soaking the part in vinegar overnight. Rust or scale deposits should be removed with cleaning compounds specifically made for this purpose.
- If equipped with a dual basket strainer, unscrew the top T handle, remove and clean the internal basket element inside.
- Check system spray output pressure to maintain 150 psi minimum. If less pressure is observed, clean all strainers and repeat. If low pressure still is a problem, turn off whichever line uses the most water and check pressure again. Low pressure suggests that the water feed to the system is not sufficient- and all lines cannot be used at the same time. The pump inlet pressure gauge, located on the pump inlet flange, is a good way to check that the water supply is sufficient.
- Document pressure readings in maintenance log.
- Report all malfunctions to Plant Manager.

## SHUTDOWN WINTERIZATION PROCEDURE

If the spray system is to be taken out of service for a prolonged period or shut down during the winter, it is important to prevent scale or ice formation inside the pump and unit components:

- Drain the unit completely of water. This is done by first blowing compressed air through the system inlet and then opening all hand operated ball valves and the pump drain valve and/or injecting a 50% glycol solution or windshield washer solution through the pump inlet or ball valve on the strainer cap.
- Draining or air purging the pump may not remove all the water therefore if the spray system is to be shutdown at temperatures below 32 degrees, the pump must be filled with antifreeze to prevent expansion and cracking.
- Drain all the lines from the unit to the nozzle spray manifolds.
- Remove all spray nozzles, clean or replace as necessary and store in a safe place. Install plugs in the spray manifolds to replace the nozzles.

## RETURNING THE SYSTEM TO SERVICE

- Inspect the protective housing for damage. Repair as necessary.
- Inspect the unit to insure that no damage has occurred during storage or winterization and that water lines are not frozen or restricted.
- Disconnect hose lines from output connectors. Check the rubber washers for wear. Replace as necessary.
- Clean the Y strainer located at the unit inlet by unscrewing the end cap, removing the strainer and rinsing with water. Some deposits can be removed by soaking the part in vinegar overnight. Rust or scale deposits should be removed with cleaning compounds specifically made for this purpose.
- Inspect the water pump and motor for cracks or signs of obvious damage. Normally, the pump requires no special maintenance since it is self-lubricating. Any leakage during start-up may indicate that a mechanical seal has been damaged. The pump must be disassembled and repaired by a qualified technician.
- Inspect the solenoid valves for signs of damage or wear.
- Check all rubber hoses for leaks and wear especially those installed near vibrating structures, belts, rollers, idlers, etc.
- Check selector switches for damage. If switch operation is not smooth, the internal cam may require lubrication. Damaged or worn parts should be replaced.

## RETURNING THE SYSTEM TO SERVICE – cont'd

- Check that the three-phase power is still wired to give the proper pump rotation.
- If the unit is equipped with a programmable controller, verify that the green lamp marked POWER on the PLC housing is lit when the fuse disconnect switch is engaged and the lamp below it labeled RUN illuminates when the yellow power switch on the door is turned on.

Site: NE-Swampscott Quarry  
Created: 24-Mar-2017 11:25 by SHERRY ALBERT  
Last Updated: 24-Mar2017 11:26 by SHERRY ALBERT

Date	Shot #	Address	PPV	HZ	% Legal Limit ppv	Actual db	Distance		Hole Depth
3/21/2022	1	50 Nichols St.	0.076	34.1	4.5%	110.9	1571		46.32'
		13 Weatherly Dr.	0.147	60	4.9%	112.8	1791		
		451 Essex St.	0.142	62	4.6%	108.3	1921		
		1 Red Jacket Ln.			0.0%		3635	**threshold not met/no trigger	
4/4/2022	2	50 Nichols St.	0.149	35.9	8.3%	117.8	1348		52.03'
		13 Weatherly Dr.	0.047	24	3.9%	119.1	1840		
		451 Essex St.	0.104	38.6	5.4%	118.4	1934		
		1 Red Jacket Ln.					3394	**threshold not met/no trigger	
4/11/2022	3	50 Nichols St.	0.157	43	7.3%	128.1	1329		55.0'
		13 Weatherly Dr.	0.116	37	6.3%	116.8	1982		
		451 Essex St.	0.116	54	4.3%	117.2	2378		
		1 Red Jacket Ln.	0.057	42	2.7%	104.8	2832		
4/15/2022	4	50 Nichols St.	0.074	66	2.2%	124.8	1470		55.0'
		13 Weatherly Dr.	0.096	47	4.1%	114.6	1834		
		451 Essex St.	0.067	57	2.4%	112.9	2196		
		1 Red Jacket Ln.			0.0%		3051	**threshold not met/no trigger	
4/20/2022	5	50 Nichols St.	0.209	98	4.3%	111.8	1159		54.73'
		13 Weatherly Dr.	0.097	57	3.4%	122.7	2094		
		451 Essex St.	0.093	24.7	7.5%	124.6	2202		
		1 Red Jacket Ln.			0.0%		3358	**threshold not met/no trigger	
4/26/2022	6	50 Nichols St.	0.133	50	5.3%	114.4	901		27.59'
		13 Weatherly Dr.			0.0%			**threshold not met/no trigger	
		451 Essex St.			0.0%		2534	**threshold not met/no trigger	
		1 Red Jacket Ln.			0.0%			**threshold not met/no trigger	
4/29/2022	7	50 Nichols St.	0.131	49	5.4%	129.3	1316		55.0'
		13 Weatherly Dr.	0.113	32	7.1%	118.1	2383		
		451 Essex St.	0.076	34.1	4.5%	117.6	1931		
		1 Red Jacket Ln.	0.085	37	4.6%	106.9	2889		
5/4/2022	8	50 Nichols St.	0.105	47	4.5%	130.5	1452		55.0'
		13 Weatherly Dr.			0.0%		1776	**no trigger/seismo malfunction	
		451 Essex St.	0.094	45	4.2%	103.5	2180		
		1 Red Jacket Ln.	0.048	43	2.2%	118.3	3234	**threshold not met/no trigger	
5/6/2022	9	50 Nichols St.	0.198	85	4.7%	110.9	1190'		
		13 Weatherly Dr.	0.159	62	5.1%	116.4	2066'		
		451 Essex St.	0.079	43	3.7%	116.9	2200'		
		1 Red Jacket Ln.	n/a					**threshold not met/no trigger	
5/10/2022	10	50 Nichols St.	0.156	47	6.6%	108.8	777'		20.67'
		13 Weatherly Dr.	n/a					**threshold not met/no trigger	
		451 Essex St.	n/a					**threshold not met/no trigger	
		1 Red Jacket Ln.	n/a					**threshold not met/no trigger	
5/17/2022	11	50 Nichols St.	0.134	37	7.2%	118.5	1462'		55.0'
		13 Weatherly Dr.	0.185	51	7.3%	116.6	1791'		
		451 Essex St.	0.142	53	5.4%	112.4	2115		
		1 Red Jacket Ln.	0.085	59	2.9%	111.9	3324'		
5/19/2022	12	50 Nichols St.	0.06	79	1.5%	117.3	1190'		55.0'
		13 Weatherly Dr.	0.128	62	4.1%	104.4	1785'		
		451 Essex St.	0.06	73	1.6%	102.6	2126'		
		1 Red Jacket Ln.	0.051	43	2.4%	114.1	2634'		
5/26/2022	13	50 Nichols St.	0.282	85	6.6%	107.2	794'		51.60'
		13 Weatherly Dr.	n/a					**threshold not met/no trigger	
		451 Essex St.	0.068	64	2.1%	95.6	2666'		
		1 Red Jacket Ln.	n/a					**threshold not met/no trigger	
6/1/2022	14	50 Nichols St.	0.197	64	6.2%	113	1142'		54.73'
		13 Weatherly Dr.	0.077	57	2.7%	120.3	2185'		
		451 Essex St.	0.159	66	4.8%	117.8	2244'		
		1 Red Jacket Ln.	0.062	73	1.7%	103.2	3312'		
6/8/2022	15	50 Nichols St.	0.26	76	6.9%	109.1	899'		51.14'
		13 Weatherly Dr.	0.126	51	4.9%	118.1	2395'		
		451 Essex St.	0.203	59	6.9%	112.6	2409'		
		1 Red Jacket Ln.	n/a					**threshold not met/no trigger	
6/14/2022	16	50 Nichols St.	0.165	102	3.2%	113.2	1128'		51.0'
		13 Weatherly Dr.	0.098	57	3.4%	121.2	2305'		
		451 Essex St.	0.151	57	5.3%	117.3	2384'		
		1 Red Jacket Ln.	n/a					**threshold not met/no trigger	
6/17/2022	17	50 Nichols St.	0.092	64	2.9%	120	1544'		55.0'

Date	Shot #	Address	PPV	HZ	% Legal Limit ppv	Actual db	Distance	Hole Depth
		13 Weatherly Dr.	0.16	32	10.0%	108	1881'	
		451 Essex St.	0.138	57	4.8%	101.1	2080'	
		1 Red Jacekt Ln.	0.046	43	2.1%	112.1	3348'	
6/22/2022	18	50 Nichols St.	0.13	39	6.7%	117.7	1109	
		451 Essex St.	0.066	62	2.1%	94.7	2451	
		13 Weatherly Dr.	N/A	N/A	#VALUE!	N/A	2931	
		1 Red Jacekt Ln.	0.151	60	5.0%	109.9	2417	
6/27/2022	19	50 Nichols St.	0.108	64	3.4%	121.9	1584'	55.0'
		13 Weatherly Dr.	0.144	51	5.7%	107	1764'	
		451 Essex St.	0.088	57	3.1%	109.4	2065'	
		1 Red Jacket Ln.	N/A					**threshold not met/no trigger
7/5/2022	20	50 Nichols St.	n/a		#VALUE!			**threshold not met/no trigger 11.0'
		13 Weatherly Dr.	n/a		#VALUE!			**threshold not met/no trigger
		451 Essex St.	n/a		#VALUE!			**threshold not met/no trigger
		1 Red Jacket Ln.	n/a		#VALUE!			**threshold not met/no trigger
7/8/2022	21	50 Nichols St.	0.467	85	11.0%	116	1021'	51.0'
		13 Weatherly Dr.	0.142	57	5.0%	119.8	2011'	
		451 Essex St.	0.199	59	6.8%	111.2	2166'	
		1 Red Jacket Ln.	n/a					**threshold not met/no trigger
7/13/2022	22	50 Nichols St.	0.153	57	5.4%	117.1	1423'	55.0'
		13 Weatherly Dr.	0.099	20.9	9.4%	110.1	1830'	
		451 Essex St.	0.246	51	9.7%	99	2085'	
		1 Red Jacket Ln.	n/a					**threshold not met/no trigger
7/28/2022	23	50 Nichols St.	0.259	73	7.1%	119.2	1290'	56.30'
		13 Weatherly Dr.	0.089	45	4.0%	104.4	1974'	
		451 Essex St.	0.131	60	4.4%	96.2	2204'	
		1 Red Jacket Ln.	n/a		#VALUE!			**threshold not met/no trigger
8/2/2022	24	50 Nichols St.	0.505	71	14.3%	105.3	910	
		451 Essex St.	0.122	57	4.3%	111	2601	
		13 Weatherly Dr.	0.06	51	2.4%	114.1	2392	
		1 Red Jacket Ln.	N/A	N/A	#VALUE!	N/A	3137	**threshold not met/no trigger
8/5/2022	25	50 Nichols St.	0.32	N/A	#VALUE!	111.8	822	
		451 Essex St.	0.089	64	2.8%	114.8	2821	
		13 Weatherly Dr.	0.045	64	1.4%	121.6	2555	
		1 Red Jacket Ln.	N/A	N/A	#VALUE!	N/A	3216	**threshold not met/no trigger
8/10/2022	26	50 Nichols St.	0.276	146	3.8%	116	1080	
		451 Essex St.	0.085	47	3.6%	95.9	2329	
		13 Weatherly Dr.	0.073	41	3.6%	104	2132	
		1 Red Jacket Ln.	N/A	N/A	#VALUE!	N/A	3303	**threshold not met/no trigger
8/12/2022	27	50 Nichols St.	0.192	66	5.8%	117.1	1283	
		451 Essex St.	0.244	51	9.6%	103.6	2102	
		13 Weatherly Dr.	0.16	38.6	8.3%	109.2	1862	
		1 Red Jacket Ln.	N/A	N/A	#VALUE!	N/A	3355	**threshold not met/no trigger
8/17/2022	28	50 Nichols St.	0.31	47	13.2%	117.4	1118	
		451 Essex St.	0.094	48	3.9%	100.8	2297	
		13 Weatherly Dr.	0.115	47	4.9%	110.2	2134	
		1 Red Jacket Ln.	N/A	N/A	#VALUE!	N/A	3339	**threshold not met/no trigger
8/19/2022	29	50 Nichols St.	0.096	47	4.1%	117.3	1527	
		451 Essex St.	0.155	57	5.4%	105.9	2068	
		13 Weatherly Dr.	0.133	60	4.4%	112.6	1758	
		1 Red Jacket Ln.	N/A	N/A	#VALUE!	N/A	3348	**threshold not met/no trigger
8/29/2022	30	50 Nichols St.	0.245	85	5.8%	119.1	389	
		451 Essex St.	0.247	59	8.4%	105.7	935	
		13 Weatherly Dr.	0.12	39.4	6.1%	116.6	388	
		1 Red Jacket Ln.	0.048	73	1.3%	107.2	388	**threshold not met/no trigger
9/1/2022	31	50 Nichols St.	0.712	73	19.5%	110.4	846	
		451 Essex St.	0.057	85	1.3%	97.7	2973	
		13 Weatherly Dr.	0.047	47	2.0%	N/A	2601	
		1 Red Jacket Ln.	N/A	N/A	#VALUE!	N/A	2716	**threshold not met/no trigger
9/16/2022	32	50 Nichols St.	0.41	85	9.7%	118.5	975	
		451 Essex St.	0.125	59	4.2%	125	2580	
		13 Weatherly Dr.	0.08	64	2.5%	116	2400	
		1 Red Jacket Ln.	N/A	N/A	#VALUE!	N/A	3400	**threshold not met/no trigger

TOWN OF SWAMPSCOTT, MASSACHUSETTS  
EARTH REMOVAL PERMIT  
FOR  
AGGREGATE INDUSTRIES NORTHEAST REGION, INC.

July 1, 2021 - June 30, 2022

The Select Board of the Town of Swampscott (“the Town”) pursuant to the Town Earth Removal By-Law, Article XIII, and the recommendations of the Earth Removal Advisory Committee (“ERAC”), and all other applicable powers and authority vested in the Select Board, hereby grant this Earth Removal Permit (“Permit”) to Aggregate Industries Northeast Region, Inc. (“AI”) for operations occurring at its quarry located in Swampscott, Massachusetts (the “Quarry”), for the period from July 1, 2021 to June 30, 2022, upon the terms and conditions set forth herein. This Permit incorporates by reference AI’s permit application and materials submitted therewith, but only to the extent that such application and materials are consistent with the terms and conditions of this Permit.

All documentation that is required to be submitted to the ERAC shall be forwarded to the Select Board’s Office. All submitted documents shall be posted on the Town Website and shall be available for public viewing at the Swampscott Town Hall by contacting the Town’s Office of Community Development.

1.     Excavation Area. The area of proposed excavation shall be limited to the areas designated on the plan submitted by AI entitled “2021-2022 Development Plan of Land in Salem & Swampscott, MA,” dated March 8, 2021, and “Quarry Cross-Section Plan in Salem, MA,” dated March 23, 2021, both prepared for Aggregate Industries by Hancock Survey Associates, 185 Centre Street, Danvers, MA 01923. If the areas designated for excavation are modified during the period of the current permit, AI shall provide updated plans to ERAC. After review by ERAC and approval the Select Board, the areas of proposed excavation shall thereafter be limited to the modified areas designated on the updated plans for the remaining period of the permit. If actual excavation exceeds the areas designated on the original or modified plans, AI shall notify ERAC as soon as possible but no later than two days after the event. Any excavation outside an area designated shall result in the immediate cessation of work in that outside area and a public hearing before the Select Board.

2.     Street Sweeping. AI shall street sweep, clean all dirt and debris from the Danvers Road bridge to the driving range, all quarry roadways, the Danvers Road bridge on Essex Street to the Lynn/Swampscott line and the Danvers Road bridge to Alvin Road at least once every week, or more often if needed per request of ERAC or the Swampscott Town Administrator. Sidewalks along the above-mentioned roads shall be maintained clean of stones and dirt spillage. Freezing weather will waive this sweeping requirement but shall not relieve AI of its requirement to keep



the aforementioned areas cleaned of dirt and debris spillage. Sweeping is expected to be curb to curb unless a parked car is in the way.

### 3. Dust.

AI shall operate within local, state and federal standards concerning safe levels of dust and shall use reasonable efforts to reduce dust emanating from the quarry and its roads to a minimum, including but not limited to:

- a. AI shall operate the automated wheelwash at all times, weather and maintenance permitting, and all vehicles (exempting passenger vehicles and pick-up trucks) shall pass through the wheelwash prior to exiting the Quarry. Should maintenance be required on the wheelwash, the Select Board and ERAC shall be notified. If during the periods that the wheelwash is required to be operational it becomes mechanically disabled for an extended period (4 or more hours in any day) AI should use its best efforts to provide a substitute spraying of vehicles exiting the Quarry until such time as the wheelwash becomes operational again; and
- b. AI shall investigate and submit to ERAC and the Select Board a plan for improved dust control at entranceway to quarry. Such plan shall be submitted with AI's application for the next permit and a requirement to implement such plan shall be included as a requirement of that permit.

### 4. Particulate (Air) Monitoring.

To maintain compliance with any applicable local, state and federal air pollution control requirements, including Massachusetts Air Pollution Control Regulations, 310 CMR 7.00, upon direction of the Town, perimeter particulate monitoring and analytical testing pursuant to established and accepted protocols shall be conducted by an independent, professionally trained air quality consultant to test for concentrations of suspended particulates at a minimum of four appropriate perimeter locations (one upwind of the quarrying and other sand/gravel operations, one downwind, and two at crosswinds) at the Quarry. The consultant shall determine the predominant wind directions at the Quarry on an annual basis and develop a wind rose diagram that is presented in the annual permit application to ERAC and the Select Board. The consultant shall be chosen by the Select Board at its sole discretion with input from ERAC. The Select Board may solicit recommendation from AI. AI shall fund a G.L. c. 44, 53G1/2 account to pay for the consultant and testing.

The Fugitive Dust (PM<sub>10</sub>) tests shall be conducted three times during the permit's term (once during the month of November, once in the spring, and once in the summer) during peak operational periods between the hours of 6 A.M. and 10 P.M, with prior notice to the Board of Health, Select Board, and ERAC. The Heavy Metals tests shall be conducted once a year. Testing protocol and frequency for subsequent years will be established by the Board of Health based on the results of the first- full year of testing.

The particulate samples shall be sampled for and submitted for analytical testing of the following: (1) Fugitive Dust (PM<sub>10</sub>) and (2) Heavy Metals; including: antimony, arsenic,

beryllium, cadmium, chromium, cobalt, copper, lead, mercury, manganese, nickel, selenium and zinc. Testing for both will be in accordance with the 40 CFR 50, Appendix J FRM methodologies. The particulate testing results shall be summarized in a table and compared to National Ambient Air Quality Standard (NAAQS). Test results that have concentrations in excess of the selected occupational or residential exposure standards shall mandate corrective changes by the Applicant to reduce such levels below the standards. All corrective changes must be accomplished within 90 days of the receipt of the results, unless a longer period is approved by Select Board with input from ERAC, and a supplemental report is to be submitted within 30 days of the implementation of the corrective measures.

All particulate testing records shall be maintained by AI and shall be submitted to ERAC and the Select Board within 14 days of completion as well as provided in the annual permit application submitted to the ERAC and the Select Board in accordance with this Permit, and shall be available for public viewing at Town Hall and on the Town Website.

Upon receipt of new information, and after review by ERAC and the Select Board, and consultation with AI, the Select Board may require reasonable dust sampling and testing in addition to the air monitoring requirements above. Depending on test results, testing frequency can be reviewed.

## 5. Noise.

AI shall operate within local, state and federal standards concerning safe levels of noise and shall use reasonable efforts to reduce noise emanating from the quarry to a minimum. In order to accomplish this, AI shall establish and implement the following:

a. Noise Management Plan – AI shall prepare an ongoing noise management plan that includes: (1) the applicable local, state and federal noise standards; (2) the actions AI will take if such noise standards are exceeded; and (3) activities that are unacceptable and not allowed because they are expected to exceed the noise levels. The Noise Management Plan shall document the remedial actions taken by the AI when applicable standards are exceeded as well as establish a plan for further reducing noise levels at neighboring properties. The Noise Management Plan shall also include a process for addressing neighborhood complaints of high noise levels. This Noise Management Plan shall be approved by ERAC.

b. Noise Testing –To evaluate noise levels produced by quarry operations an independent, professionally trained air quality consultant will conduct testing three times annually (once in the spring, once in the summer and once in November, with each occurring during full operations, and with advance notice to ERAC and the Select Board). During such testing, noise shall be monitored continuously for a period of at least 24 hours during representative quarry operations. The results of testing may warrant, upon approval by ERAC and the Select Board, less testing in future permits. The consultant shall be chosen by the Select Board at its sole discretion with input from ERAC. The Select Board may solicit recommendation from AI. AI shall fund a G.L. c. 44, 53G1/2 account to pay for the consultant and testing.

c. Noise Report - AI shall report the noise testing data, results, and recommendations to ERAC and the Select Board within 10 business days of receipt of the report.

Upon receipt of documented noise complaints, and after review by ERAC and the Select Board, and consultation with AI, the Select Board may, during the term of this Permit, require additional noise testing and abatement to address the specific noise complaints.

6. Fences. AI shall maintain a perimeter fence around the exterior of the Quarry to protect the safety of the surrounding neighbors and prevent public access to the rim of the quarry. AI shall maintain the integrity of its perimeter fence and patrol the fence as needed, no less than once every month, and make repairs within 48 hours of identifying or receiving notice that a portion of the fence has been breached. Further, AI should maintain the areas such that there shall not be access under any fencing.

7. Indemnity. AI agrees to hold the Town harmless for any damages arising from the Earth Removal Operation. In addition, AI will provide a Certificate of Insurance for at least one million dollars, single limit, naming the Town as an additional insured. AI shall defend, indemnify and hold harmless the Town and its officers, agents, and all employees from and against claims arising directly or indirectly from the Earth Removal Operation. Further, AI shall defend, indemnify and hold harmless the Town with respect to any damages, expenses, or claims arising from or in connection with any of the work performed or to be performed under this Permit. This shall not be construed as a limitation of the AI's liability under this Permit or as otherwise provided by law.

8. Trucks and Access Routes and Methods.

- a. All vehicles exiting the facilities excluding passenger vehicles and pickup trucks that are hauling material shall be tarped as required by Massachusetts regulations.
- b. All trucks carrying material from the Quarry shall be instructed by AI to seek the most expeditious route as practical in avoiding residential streets and neighborhoods to their destination from the Quarry.

9. Hours of Operation. The following hours of operation are conditioned upon the continued commitment of AI to institute noise abatement improvements and general overall improvement in the operation of the business. Said hours of operation shall be strictly adhered to during the term of this Permit.

- a. Primary Crushing Plant. The primary crushing plant may crush stone between the hours of 7:00 A. M. and 9:00 P. M. Monday through Friday. Saturday crushing hours will be 7:30 A. M. to 4:00 P. M. Loaders, trucks and other motor vehicles associated with this plant shall not operate in the quarry before the 7:00 A. M. and 7:30 A. M. starting times. During the period from Memorial Day to Labor Day over the term covered by this Permit, the hours of operation shall be limited to 7:00 AM to 6:00 PM Monday through Friday

- b. Secondary Crushing Plant. The secondary crushing plant may crush stone between the hours of 7:00 A. M. and 9:00 P. M. Monday through Friday. Saturday crushing hours will be between 7:30 A. M. and 4:30 P. M.; except, that during the period from Memorial Day to Labor Day covered by this Permit, the hours of operation shall be limited to 7:00 AM to 6:00 PM Monday through Friday.
- c. Drilling Operations. Drilling operations may be conducted between the hours of 7:00 A. M. and 7:00 P. M. Monday through Friday. Saturday drilling hours will be between 7:30 A. M. and 4:00 P. M.
- d. Blasting Operations. All blasts must be scheduled to be shot between the hours of 10:00 A. M. and 2:00 P. M. Monday through Friday to avoid thermal inversions. Weather and safety considerations may supersede this time frame. Blasting shall not occur on severely overcast days unless early weather forecasts had indicated favorable conditions.
- e. Quarry Stockpiling Operations. The Quarry Stockpiling and moving of materials may be conducted between 6:00 A. M. and 10:00 P. M. Monday through Friday. Saturday hours for stockpiling will be between 7:30 A. M. and 4:30 P. M.
- f. Customer Sales. The sale of materials and loading of trucks that exit the Quarry shall be between the hours of 6:00 A. M. and 10:00 P. M. Monday through Friday. Saturday hours for sales shall be between 7:00 A. M. and 4:30 P. M. Trucks will not proceed beyond the employee entrance prior to 6:00 A. M. on weekdays and 7:00 A. M. on weekends. AI shall limit operations after 5:30 P.M. Monday through Friday to service contracts for Governmental Agencies on public projects that require serving those contracts after 5:00 P.M. may be permitted. On such occasions where customer sales will occur after 5:30 P.M., AI shall restrict the use of Essex Street by said trucks. Via electronic mail correspondence, and phone AI will notify the Town Administrator and the Chairman of the ERAC not less than twenty-four hours in advance of any such occasion and will provide information on which public projects require the sale of materials after 5:00 P.M. and the volume of truck traffic and will maintain logs for these trucks based on an hourly basis. The day-to-day impact of the after 5:00 P.M. sales and trucking operations shall be monitored by the ERAC and reported to the permit granting authority (the Select Board).
- g. Manufactured Sand Plant. The Manufactured Sand Plant (MSP) may operate between the hours of 7:00 A.M., and 10:00 P.M., Monday through Friday, Saturday operating hours of 7:30 A.M., and 4:30 P.M. However, the MSP may operate longer hours upon request to, and written approval and monitoring by the ERAC, provided the ERAC is satisfied that such extended operating hours shall not be disruptive to the neighbor's quiet enjoyment of their property. Should the ERAC at any time during the approved extended operating hours permitted hereby, determine through the review of neighborhood complaints or based upon ERAC's own observations, that such operating hours are disruptive to the neighbors quiet enjoyment, the ERAC in its sole discretion after a meeting, shall order through its Chairman by telephone, facsimile, or in writing that said extended hours are revoked, then AI shall immediately upon receipt of

notification cease and desist operating the MSP during the extended hours. In all instances of the request by AI for such extended hours, ERAC shall notify the Select Board at least seventy-two (72) hours prior to the granting to any such extension of operating hours.

- h. **Sunday and Holiday Hours.** No Sunday or Holiday Hours are permitted except as provided in subparagraph 9.i. or upon written approval from the Select Board or its designee. The term "Holidays" includes the following: New Year's Day, January 1; Martin Luther King Day, (3rd Monday of January); President's Day, (3rd Monday of February); Patriot's Day, (3rd Monday of April); Memorial Day Observed, (4th Monday of May); Independence Day, July 4; Labor Day, (1st Monday in September); Columbus Day, (2nd Monday in October); Veteran's Day, November 11; Thanksgiving Day, (4th Thursday in November); and Christmas Day, December 25. If a Holiday falls on a Saturday or Sunday, then the Holiday will be observed in accordance with Massachusetts law. AI may designate the Friday after Thanksgiving as a Holiday in place of a listed Holiday upon written notice to the Select Board prior to working on the listed Holiday.
- i. **Quiet Time.** No trucks or equipment larger than  $\frac{3}{4}$  ton are allowed in the quarry past the bin area from 10:00 p. M. To 6:00 a.m. It is agreed and understood that this is the neighbors' quiet time. All equipment and production plants may undergo warming-up, cooling down, oiling, greasing, preventative maintenance, and general repairs outside of the permitted hours; however, if it is determined that the related noise has become unreasonable, this provision shall be subject to interim revisions.
- j. **Crushing Plants.** The Primary Crushing Plant and/or Secondary Crushing Plant may operate longer hours during the period from Memorial Day to Labor Day upon completion of noise mitigations improvements such as:
  - a. acoustically enclosing the two HP-400 crushers;
  - b. acoustically enclosing the 7-foot crusher and all chute sections above it;
  - c. completing alternative noise mitigation improvements which have been submitted to, and approved by the ERAC, and filed with the Select Board; or
  - d. completing a noise study using protocols agreed to by ERAC and AI, and filed with the Select Board.

Upon completion of such noise mitigation improvements, the Primary Crushing Plant and/or Secondary Crushing Plant may operate longer hours upon request to, and written approval and monitoring by the ERAC, provided the ERAC is satisfied that such extended operating hours shall not be disruptive to the neighbors' quiet enjoyment of their property. Should the ERAC at any time during the approved extended operating hours permitted hereby, determine through the review of neighborhood complaints or based upon ERAC's own observations, that such operating hours are disruptive to the neighbors quiet enjoyment, the ERAC in its sole discretion after a meeting, shall order through its Chairman by telephone, facsimile, or in writing that said extended hours are revoked, then AI shall immediately upon receipt of notification cease and desist operating the Primary Crushing Plant, and/or Secondary Crushing Plant, during the extended hours.

In all instances of the request by AI for such extended hours, ERAC shall notify the Select Board at least seventy-two (72) hours prior to the granting to any such extension of operating hours.

10. Blasting. All Blasting will be performed in accordance with 527 CMR 1.0 Massachusetts Comprehensive Fire Prevention Code, referred to as the Code and adopts and incorporates the provisions of the National Fire Protection Association (NFPA) 495 Explosives Materials Code and all other applicable local, state and federal regulations and requirements. In the event of any conflict, the stricter requirement shall govern. Blasting occurring in Salem but impacting Swampscott shall be subject to this permit
  - a. AI will be limited to 50 blasts per year, and not more than two per week .; however, it may submit a request, for ERAC review and Select Board approval, to perform an additional blast based upon market demand. Approval of such request shall not be unreasonably withheld;
  - b. AI will ensure that the blasting company maintains a Blaster's Log that includes all listed requirements 1 thru 18 of 527 CMR 1.0:65.9.14.1.3 for each blast;
  - c. Blast hole diameters shall not exceed 4" for blasts;
  - d. Blast patterns shall be designed to direct ground vibration energy away from the nearest residential areas, whenever possible;
  - e. In consideration of potential human annoyance, ERAC has adopted 527 CMR 1.0:65.9.13 Alternative Allowable Vibration Levels with AI to ensure that the ground vibrations limits with a maximum intensity of motion in the vertical, longitudinal and transverse directions (PPV), measured in the ground at any building or other structure that shall not exceed 0.5 inches per second at any frequency of motion Should a blast have vibration results above 0.5"/s, AI shall alert within ERAC 48 hours, and AI shall have the blasting company perform a formal review to identify the reasons for the higher vibration and to recommend improvement actions.
  - f. Blast designs shall be engineered to achieve ground vibrations having a DOMINANT frequency of equal to or greater than 30 Hz;
  - g. AI will maintain the air-overpressure to not exceed 130 dB(L) at any occupied structure. Air-overpressure monitoring shall take place at the nearest residential or business structures susceptible to damage or claims of annoyance. Measurements of blast-induced air-overpressure shall be done in accordance with ISEE - Field Practice Guidelines for Blasting Seismographs 2015;
  - h. Flyrock Control – AI shall implement methods and procedures as required to protect abutting public roadways, residential/commercial properties and the general public from flyrock. AI must be prepared to place blast mats and completely cover the blast area to prevent such occurrence. As per 527 CMR 1.0: 65.9.8.4, blasting mats shall be required if

the material to be blasted lies within 100 feet of a highway, an inhabited building or structure not under the control of the project;

- i. In addition to 527 CMR 1.0:65.9.8.4 thru 12, AI shall implement the following site safety and security procedures as necessary depending on the location of the blast:
  1. Lightening detection;
  2. Worker safety meetings prior to each blast;
  3. Fire Department, at the expense of the AI on site during every blast;
  4. Provide designated access points and safe areas and sentry locations around blast area;
  5. Charged Hole Area: posted, guarded and barricaded;
  6. Warning Signals: three (5 minutes), two (1 minute), one (all clear);
  7. Closest Street: closed to vehicle and pedestrian traffic;
  8. Shot Cast Control (flyrock): matting and blast rock berms, if necessary; and
  9. Handle misfires in accordance with I.M.E. Safety Library Publication 17.
- j. Blasts that exceed the maximum allowable ground vibration limits or air-blast limit as establish in this permit, or eject flyrock beyond the designated safe zone and or property line shall be immediately reported to ERAC and the Fire Department. If the vibration limits or air overpressure limits are exceeded, AI shall, prior to the next blast, forward to ERAC and the Fire Department a written statement describing the cause of the exceedance and present blast design modifications that will prevent an exceedance on future blasts, suspension and/or fines in accordance with G.L. c. 40, § 21(17);
- k. Size of any blast/area of blast/depth of charges is limited to 50 feet each.

11. Seismograph Monitoring and Reporting. AI is required to submit to the Town weekly seismograph report readings which may be posted on the Town's Website. The ERAC shall review with AI the selection and monitoring of the seismograph reading vendor.

AI shall use at least four seismographs to monitor each blast. Placement, set-up and use of seismograph monitoring equipment will be as specified by the manufacturer and delineated in the ISEE Field Practice Guidelines for Blasting Seismographs, 2015 and also referenced in CMR1.0: 65 NFPA 495 11.1.4. The operator shall describe the precise location of the seismograph relative to the nearest house or structure, the precise distance to the closest blast hole, field conditions, and setup procedures in the monitoring record for each blast. One seismograph shall be placed 50 Nichols Street; a second seismograph shall be placed at 13 Weatherly Drive. A third seismograph shall be placed at 451 Essex Street. A fourth seismograph shall be placed at 1 Red Jacket Lane. The location of these seismographs may be relocated and/or one additional seismograph may be added if requested by residents or required by the Town, the location to be determined prior to the blast by the appropriate

representatives of the Town and AI. Any change in seismograph location(s) shall be made upon consultation with the appropriate representatives of the Town.

Independent Consultant - An Independent Blasting Consultant, as approved by ERAC and/or Fire Department personnel, who shall, on an annual basis, review the seismograph records from the preceding year and make design recommendations to maintain vibration levels below required limits, and minimize the impact from vibrations and air blasts on the surrounding neighborhood, during the upcoming year based on the locations at which AI intends to blast. At the beginning of each calendar year of blasting, representatives of AI, the licensed Blaster, and the Independent Consultant shall meet with the Swampscott Fire Department to review the quarry's blasting plans for the upcoming year. The consultant shall be chosen by the Select Board at its sole discretion with input from ERAC. The Select Board may solicit recommendation from AI. AI shall fund a G.L. c. 44, 53G1/2 account to pay for the consultant and testing.

Report- The Independent Blasting Consultant retained by AI shall prepare a report that will be included in the Annual Report submitted pursuant to this Permit. The report shall, at a minimum, include a summary table of all pertinent blast design and monitoring data from each blast performed during the previous year. The report shall also include a summary graph of the peak particle velocity versus frequency in a form approved by the Fire Department for all blasts, and include the vibration limits given in these conditions. The report shall describe the blast design factors that were successful and those that were not successful in achieving compliance with ground vibration and air-blast limits. If ground vibrations or airblast levels exceed the applicable limits, the report shall describe the cause of the violation and blast design modifications that were used to prevent violations in future blast events. If flyrock occurred, the report shall describe the design modifications that were used to prevent future incidents. The report shall also evaluate each blast for which a written complaint was filed with Town. For each such blast, the report shall identify the main factors in the blast design that could have caused the complaint, and provide blast design recommendations to reduce the likelihood of similar complaints from future blast events.

12. Suspension of Blasting Due to eminent public safety concern, blasting operations may be suspended by order of the Fire Department in the event of a flyrock occurrence and by Select Board upon recommendation of ERAC or the Fire Department for any of the following reasons:

- a. Air-overpressure and ground vibration levels exceed limits established under this permit;
- b. Blasting endangers the stability of or causes damage to adjacent structures, slopes or utilities;
- c. Failure of AI to adhere to the submitted and accepted blast plan; or
- d. Any other reasons as determined by the Fire Department and Blasting Consultant.

Blasting operations shall not resume until the ERAC has approved the AI's revised blasting plan with modifications correcting the conditions causing the suspension. Additionally, fines may be imposed in accordance with G.L. c 40, §21(17).



13. Federal Test Results. AI shall provide the ERAC with copies of all test results and reports from the FEDERAL MINE SAFETY and HEALTH ADMINISTRATION that are currently conducted at the Quarry. Copies of all tests are to be forwarded to the ERAC and will be posted on the Town website.

14. Water Discharge. AI shall provide the ERAC and the Board of Health with copies of all results of the monitoring presently being performed pursuant to its current federally issued National Pollutant Discharge Elimination System permit. Copies of the monitoring reports are to be forwarded to the ERAC and will be posted on the Town website.

15. Buffer Zone. With AI's submission of its next permit application, AI shall include an updated map of the greenbelt buffer that shows all undisturbed land owned or occupied by AI. AI shall maintain the greenbelt buffer as a natural buffer for safety and to buffer noise and dust emanating from earth removal operations. AI granted an easement to the Town of Swampscott for the purposes of passive and active recreation for a parcel of land within the Greenbelt Buffer. In no event shall the Buffer decrease in size.

16. Emergency Contact Personnel. AI shall provide ERAC, the Swampscott Fire Department and the Select Board with the names and telephone numbers of two representatives that can be contact in the event of a problem or when otherwise deemed necessary. ERAC shall be promptly notified of any changes to the designated AI representatives.

17. Closure Planning. In compliance with the previous permit, AI prepared and provided to the Select Board in December 2018 a "Scope of Work" for development of long-term plan to close the quarry ("Closure Plan"). The "Scope of Work" provides for review of the existing site operating conditions and the potential reuse options and fill alternatives every five years until such time as it is determined the life expectancy of the Quarry is such that a Quarry Closure Plan is needed. When it is determined that a Quarry Closure Plan is needed, Community Development and Zoning issues in the two municipalities will need to be assessed and addressed by the parties. This assessment will be reviewed by AI and will assist in determining the final Quarry Closure Plan. AI will utilize planning and engineering professionals as needed to develop the Quarry Closure Plan, a process that is anticipated to take 12 to 18 months. Representatives of AI, upon reasonable notice, and at times convenient to the parties, shall meet to discuss and revise as necessary the "Scope of Work" and/or the resulting Closure Plan.

Prior to the implementation of the Quarry Closure Plan, and within 120 days after the issuance of this permit, AI shall deliver a surety bond or a Letter of Credit to the Town in the amount of \$ 500,000 to insure that, in any event, the existing operation will be sufficiently and adequately closed with all equipment removed and the area made safe upon the cessation of use. Any closure of the quarry shall be at AI's sole cost and expense, in accordance with all applicable laws, and in a safe and environmentally controlled process to manage long-term safety, security, and maintenance of the Property. This obligation shall survive the termination of this Permit

18. Official Visits. The ERAC, as well as other Town Representatives shall be allowed access

to all parts of the AI property for all reasonable or necessary purposes after providing reasonable notice to AI, unless immediate access is needed in response to an emergency. All Town Representatives will report to the Scale House and/or the Quarry office upon entering the property.

19. Expiration and Renewal. This Permit shall expire at 12:00 midnight on June 30, 2022. If AI intends to seek a renewal of this Permit, its application together with the appropriate supporting data must be submitted to the ERAC not later than March 31, 2022. AI must be in substantial compliance with this Permit before a new permit or an extension or renewal of this Permit will be granted. The Permit application supporting documentation shall include, at a minimum, the following:

- a. A topographic survey plan of the Quarry prepared by a Registered Land Surveyor including the current elevations at the various points of depth in the Quarry;
- b. A proposed plan for the upcoming year which will project the area of the Quarry reasonably anticipated by AI to be subject to blasting, drilling, and excavation for the upcoming year;
- c. A map showing property lines, names and addresses of all abutting property owners within three hundred (300) feet of the property line, including those across any streets;
- d. A detailed description of any unresolved complaints made by residents during the previous year and AI's planned response to such complaints;
- e. Air Quality Tests and other monitoring required to be performed by the terms of this Permit;
- f. An updated aerial photograph of the Quarry; and
- g. A list of company Holidays for the term of the permit to be included as an appendix to the permit;

20. Surety Bond. AI shall provide a surety bond in the amount of \$100,000.00 to insure compliance with the terms, conditions, limitations and safeguards of this Permit, and to indemnify the Town for any harm to any well, road, wetland or other resource caused by AI's operations including without limitation for the equipment used on the premises and all ancillary activities. The requirement of a surety bond shall not be deemed to be the Town's exclusive remedy in the event of any breach of this Permit by AI nor in the event of any intentional wrongdoing or any negligent act or omission by AI or by any person or entity for whose conduct AI may be held responsible.


21. Permit Fee. A fee in the amount of \$500.00 shall be paid by AI for the administration of this Permit and the Earth Removal By-Law on which it is based. This fee may be reduced at the sole discretion of the Select Board.

22. Landscaping. AI is required to maintain and replace, as necessary, any and all landscaping and plantings in all areas where landscaping and plantings are used for screening of the Quarry from public view, including but not limited to the perimeter of the Quarry along Danvers Road.
23. Inspections of Property. AI shall conduct quarterly visual surveys of all of AI properties, including without limitation the areas in the Greenbelt Buffer, and will remove any trash, or other dumped materials and maintain the Greenbelt Buffer property in its present condition.
24. Annual Meeting with Residents. AI shall meet not less than once annually, in the month of March or thereabouts, for the purpose of discussing issues relating to operations of the Quarry with residents.
25. Pre-Blast Surveys. By August 1, 2021, AI shall send an information packet that provides claim information and an offer for a pre-blast survey similar to the one the company sent on February 5, 2020 to the addresses listed in that letter.
26. Damage Claim Report. In the event that a claim of damage is filed with the Fire Department, AI, or a subcontractor, AI shall review the blast design and monitoring records and prepare a summary of findings report. All damage claims shall also be filed with ERAC and the Select Board. The report shall contain all relevant information relating to the blast, including but not limited to, a graph sufficient to measure and evaluate a blasting exposure at specific locations for all blasts, in a form approved by the Fire Department, and includes the vibration limits given in these conditions. A separate graph shall be made for each residence that files a written claim of damage. If insufficient data are available at a given residence to make such a graph, AI shall prepare graphs of peak particle velocity versus scaled distance and air-blast overpressure versus scaled distance and use them to estimate probable vibration levels and air-blast overpressure level at the residence. A copy of this report and all findings shall be provided to the claimant, the Fire Department, ERAC, and the Select Board. AI shall send copies of all Claim Reports (referenced below) and supporting materials to ERAC within 14 days of receipt. AI shall also provide all responses to any claim to ERAC contemporaneously when sending to the Claimant and/or Insurance Company. AI's annual permit application shall include a list of claims made in the previous year, the number of claims granted (with details) and the number of claims denied (with details).
27. Damage Claims. AI shall maintain a record of each blast-related claim of property damage that is filed with the Fire Department, AI, or a subcontractor and the current status of the claim. The record of each claim shall include a written summary of each visit made to the property to evaluate the claim, all blast vibration measurements made at the property to evaluate the claim, evaluation by the blaster's insurance company or their adjuster, and all correspondence between the blaster's insurance company (and/or adjuster) and the property owner. Damage Claims may be filed at any time and any claimant may have access to AI's blasting records. Claimants shall submit any claim by using the Claim Report established by ERAC and include all required documents as stated on the Claim Report.

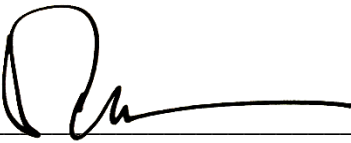
28. Violations. In addition to any specific noted violations and remedies herein, the Board, if it concludes that there has been a violation of this permit, shall send to the permit holder or other offender, by hand delivery or certified mail to the address stated on the initial application, a notice ordering a cessation of the improper activities. In the event that the permit holder persists in such violations, the Board may notify the permit holder by mail or posting as stated above, of a hearing to be held not less than four (4) days thereafter to show cause why said permit should not be revoked, and following said hearing, may in its discretion, revoke or amend the permit. Additionally, the Board may impose penalties for violations in accordance with G.L. c. 40, § 21(17).

**SIGNATURE PAGE TO FOLLOW.**

SWAMPSCOTT SELECT BOARD

  
\_\_\_\_\_  
Peter A. Spellios, Chair

  
\_\_\_\_\_  
Polly Titcomb, Vice Chair

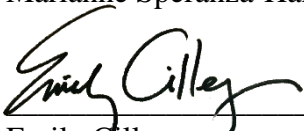
  
\_\_\_\_\_  
Donald M. Hause

  
\_\_\_\_\_  
Neal Duffy

  
\_\_\_\_\_  
David Grishman

The BOARD OF HEALTH concurs with the terms and conditions of this Permit and will cooperate with the Select Board in its enforcement.

  
\_\_\_\_\_  
Marianne Speranza-Hartmann, Chairman

  
\_\_\_\_\_  
Emily Cilley



# Town of Swampscott

Office of the

## Town Administrator

Elihu Thomson Administrative Building  
22 Monument Aven  
Swampscott, MA 01:

Tel: (781) 596-8850

Email: [sfitzgerald@swampscottma.gov](mailto:sfitzgerald@swampscottma.gov)

Sean R. Fitzgerald  
Town Administrator

**TO:** SELECT BOARD  
**FROM:** DIANNE MARCHESE, ADMIN. ASST. TO TA & SB  
**SUBJECT:** 2022 BOARD AND COMMITTEE APPOINTMENTS  
**DATE:** SEPTEMBER 28, 2022

### OBJECTIVE

The Select Board must reappoint Swampscott's 2022 Boards, Committees, and Commissions.

### PROCESS

1. All current members up for reappointment were contacted to determine their interest in being reappointed
2. All Board Chairs were approached to confirm their support of reappointing members
3. A vacancy review was performed along with all current outstanding applications for committees to determine if there were any applicants who could potentially be considered in replacement of an existing member up for reappointment.

### SAMPLE MOTION:

*The Select Board, consistent with the recommendation of the Town Administrator, appoint individuals recommended in this memo for their appointed terms for the 2022-2023 term.*

### 2022 REAPPOINTMENT SUMMARY

Committee	# of members	# of vacant seats	# of Terms Expiring 2022	# Seeking Reappointment or new 2022	# Not seeking reappointment	Non-Responsive or Pending
Commission on Disability	8	0	0	8	0	0
Council on Aging	9	0	0	1	0	0
Earth Removal Advisory Committee	9	1	0	2	0	0
Historical Commission	9	0	0	1	0	0
Recreation Commission	7	0	0	3	0	0
Traffic Study Advisory Committee	8	2	0	1	1	1
Zoning Board of Appeals	8	1	0	1	0	0

### COMMISSION ON DISABILITY

The Commission on Disability has not been active since October 2020.

- The Commission is comprised of nine members
- One member is seeking reappointment
- Five members are seeking new appointments
- Town Administrator recommends reducing committee membership to seven members and adding an alternate membership
- Town Administrator recommends reappointment for one member for a three-year term, expiring 2025
- Town Administrator recommends new appointments for two new members filling vacancies with terms expiring in 2025
- Town Administrator recommends new appointments for two members filling vacancies with terms expiring in 2024

- **Town Administrator recommends new appointment for one alternate member filling a vacancy with a term expiring in 2024**

Jeffrey Brand	Member	3-year term	Term Expires 2023
Jill Susarrey	<i>Alternate</i>	2-year term (24)	Seeking New Appointment
Jeffrey Blonder	Member	2-year term (24)	Seeking New Appointment
Virginia Zeller	Member	2-year term (24)	Seeking New Appointment
Debora Newman	Member	3-year term (25)	Seeking Reappointment
Carolina Velasquez	Member	3-year term	Term Expires 2023
Rachel Connary	Member	3-year term (25)	Seeking New Appointment
Cindy Cavallaro	Member	3-year term (25)	Seeking New Appointment

### COUNCIL ON AGING

The mission of the Council on Aging is to serve all seniors with dignity and positive regard; to identify and respond to the needs of elders and to advocate on their behalf; and to promote an awareness in the community of issues regarding seniors.

- **The Committee is comprised of nine members**
- **One member is seeking a new appointment**
- **There are no vacancies**
- **Town Administrator recommends a new appointment for one member to fill a vacancy with a term expiring 2025**

Marilyn Cassidy	Chair	3-year term	Term Expires 2024
Maureen Callahan	Member	3-year term	Term Expires 2025
Robert Powell	Member	3-year term	Term Expires 2023
Marie Yannaco-Grant	Member	3-year term	Term Expires 2025
Debora Newman	Member	3-year term	Term Expires 2023
Molly Rowe	Member	3-year term	Term Expires 2025
Barbara DiPietro	Member	3-year term	Term Expires 2023
Jennifer Nisbet	Member	3-year term	Term Expires 2023
Andrea Liftman	Member	3-year term (25)	Seeking New Appointment

### EARTH REMOVAL ADVISORY COMMITTEE

The Earth Removal Advisory Committee (ERAC) reviews and provides recommendations on earth removal permits, as required by the by-law. In Swampscott, the largest operation requiring annual permitting under the Town's Earth Removal by Law is the quarry operated by Aggregate Industries.

- **The Committee is comprised of nine members and six are voting members**
- **There is one vacancy for an Excavating Engineer**
- **One member is seeking a new appointment as an alternate**
- **Town Administrator recommends new appointment for one member as an alternate to fill a vacancy with a term expiring 2023**

Captain James Potts	Alternate	3-year term	Term Expires 2024
Theodore J Smith, Jr.	Member	3-year term	Term Expires 2024
Gary Barden	Member	3-year term	Term Expires 2025
Cabot Dodge	Member	3-year term	Term Expires 2023
Joseph Markarian	Alternate	3-year term (23)	Seeking New Appointment
John Picariello	Chair	3-year term	Term Expires 2023
Tonia Bandrowicz	Member	1-year term	Term Expires 2023
Ted Dooley	Member	1-year term	Term Expires 2024
<i>Vacancy (Excavating Engr)</i>	<i>Non-Voting Member</i>	<i>3-year term</i>	<i>Term Expires 2024</i>

## HISTORICAL COMMISSION

The Swampscott Historical Commission identifies, protects and preserves the historical heritage and resources of the Town of Swampscott.

- **The Committee is comprised of nine members and seven are voting members**
- **One member is seeking a new appointment**
- **There are no vacancies**
- **Town Administrator recommends a new appointment for one new member to fill a vacancy with a term expiring in 2024**

Franceska O'Reilly	Member	3-year term (24)	Seeking New Appointment
Nancy Lusignan Schultz	Secretary	3-year term	Term Expires 2024
Kim Barry	Alternate	3-year term	Term Expires 2024
Richard Smith	Member	3-year term	Term Expires 2023
Jean Reardon	Alternate	3-year term	Term Expires 2023
Jonathan Leamon	Member	3-year term	Term Expires 2022
Justina Oliver	Chair	3-year term	Term Expires 2019
Brad Graham	Member	3-year term	Term Expires 2022
Ryan Judkins	Member	3-year term	Term Expires 2022

## RECREATION COMMISSION

The Swampscott Recreation Commission is a seven-member Select Board-appointed Commission, responsible for the policy and programs of community recreation and is comprised of a representative from each precinct and one member-at-large. The Commission seeks to provide a balanced program of leisure time activities which are not offered to residents by other town systems or departments. Our goal is to serve residents from school age into elder years and make effective use of existing recreational facilities.

- **The Committee is comprised of seven members**
- **Three members are seeking new appointments**
- **There are no vacancies**
- **Town Administrator recommends appointment for two new members to fill vacancies with terms expiring 2023**
- **Town Administrator recommends appointment for one new member to fill a vacancy with a term expiring 2025**

Janell Cameron	Member	3-year term	Term Expires 2025
Thomas Younger	Member	2-year term (24)	Seeking New Appointment
Carolina Velasquez	Member	3-year term	Term Expires 2023
Danielle Strauss	Staff Liaison	None	None
David Grishman	SB Liaison	None	None
Jacob T. Simon	Member	3-year term	Term Expires 2023
John Allen	Member	3-year term	Term Expires 2025
Jill Susarrey	Member	2-year term (24)	Seeking New Appointment
Robert "Will" Reardon	Member	2-year term (24)	Seeking New Appointment

## TRAFFIC STUDY ADVISORY COMMITTEE

- **The Committee is comprised of eight members.**
- **One member is seeking a new appointment**
- **There are two vacancies on the board**
- **Town Administrator recommends new appointment for one member to fill a vacancy with a term expiring 2023**

Vacancy	Member	1-year term	Term Expires 2023
Niyati Shah	Member	1-year term	Term Expires 2023
Linda Hayes	Member	1-year term	Term Expires 2023

Gino Cresta	Ex-Officio	None	None
Marzie Galazka	Ex-Officio	None	None
Joseph Kable	Ex-Officio	None	None
James Potts	Ex-Officio	None	None
Beth Isler	Member	1-year term (23)	Seeking New Appointment

## ZONING BOARD OF APPEALS

The Zoning Board of Appeals is appointed by the Select Board. The Board shall have the power to hear and decide applications for special permits, including without limitation, dimensional special permits, site plan special permits, and any other special permits permitted under the Zoning By-laws. The Board serves as the special permit granting authority in most zoning relief situations.

- **The Committee is comprised of eight members: six are voting members, two are associates**
- **There is one vacancy for an associate member**
- **Town Administrator recommends appointment for one current associate member to a full member with a term expiring in 2027**

Daniel Doherty	Vice Chair	5-year term	Term Expires 2026
Heather L. Roman	Member	5-year term (27)	Seeking New Appointment
Tony Paprocki	Member	5-year term	Term Expires 2025
Bradley L. Croft	Member	5-year term	Term Expires 2027
Paula Pearce	Associate	3-year term	Term Expires 2023
Andrew Rose	Member	5-year term	Term Expires 2023
Marc Kornitsky	Chair	5-year term	Term Expires 2024
Vacancy	Associate	2-year term	Term Expires 2022





# Town of Swampscott

Office of the

## Town Administrator

Elihu Thomson Administrative Building

22 Monument Aven

Swampscott, MA 01:

Tel: (781) 596-8850

Email: [sfitzgerald@swampscottma.gov](mailto:sfitzgerald@swampscottma.gov)

Sean R. Fitzgerald  
Town Administrator

**TO:** SELECT BOARD  
**FROM:** DIANNE MARCHESE, EXEC. SECRETARY TO TA & SB  
**SUBJECT:** 2022 SWAMPSCOTT FOR ALL AGES COMMITTEE  
**DATE:** SEPTEMBER 28, 2022

### OBJECTIVE

The Select Board must appoint members to the recently re-vamped Swampscott for All Ages Committee

### PROCESS

- All current members up for reappointment were contacted to determine their interest in being reappointed
- The following are to be appointed as new members or reappointed from the former Swampscott for All Ages Committee
  - The updated Committee is comprised of eleven members, one alternate and two ex-officios**
  - Nine members are seeking reappointment**
  - Three members are seeking new appointments**
  - Town Administrator recommends reappointment for eight members**
  - Town Administrator recommends new appointments for three members**

Robert Powell	Member	5-year term	Seeking Reappointment
Alyce Deveau	Member	5-year term	Seeking Reappointment
Sue Sussman	Member	2-year term	Seeking Reappointment
Joan McCormack	Member	3-year term	Seeking Reappointment
Margaret Sommer	Member	3-year term	Seeking Reappointment
William Quinn	Member	3-year term	Seeking Reappointment
Jennifer Nisbet	Member	4-year term	Seeking Reappointment
Kevin Breen	Member	4-year term	Seeking Reappointment
Claire Regan	Member	2-year term	Seeking New Appointment
Patricia Hines	Member	5-year term	Seeking New Appointment
Michele Audet	Member	2-year term	Seeking New Appointment
Heidi Whear	Ex-Officio	None	
Marzie Galazka	Ex-Officio	None	

# Town of Swampscott



## Board of Selectmen

### Registration /License application for Hawking & Peddling & Door-to-Solicitation

Name: Corey Segreza

Address: 83 Pond St Town/City: Salem State: MA

Zip code: 03079 Telephone #: 6339-5451638 Date of Birth: 11/27/190 Social Security #: 020-74-2199

Height: 5'11" Weight: 200 Hair Color: Black Eye Color: Brown

Business name: SunRun Address: 240 Cherry St

Home office telephone.# \_\_\_\_\_ Duration of activity: 1 year

Description of the business and/or the goods to be sold: Solar

If operating a motor vehicle: Make: Mitsubishi Year: 2019 Model: Leant Plate: \_\_\_\_\_

Number and expiration date of hawker/peddler license issued by the Commonwealth of Massachusetts pursuant to G.L. c. 101 § 22: \_\_\_\_\_ (Copy of license required)

X Corey Segreza Signature of applicant: \_\_\_\_\_ Signed under the pains & penalties of perjury. Date: 8/23/2022

Hawking & peddling of food items requires a license from the Board of Health.

Applicant is filing for a license with the Board of Health Yes  No

If yes, signature of Director of Public Health required indicating that license has been issued.

X N/A Signature of Director of Health \_\_\_\_\_ Date license issued \_\_\_\_\_

If the Commonwealth has not issued a hawker/peddler license, applicant must obtain a license from the Board of Selectmen.

Applicant is filing for a license with the Board of Selectmen Yes  No

Applicant must pay a \$50.00 fee to the Town of Swampscott and bring this completed form to the Police Department within seven (7) days, during normal business hours, for fingerprint based state and national criminal background checks. At that time the applicant must present two separate bank or money order checks, one for \$30.00 made out to out to the Commonwealth of Massachusetts Firearms Fingerprint Identity Verification Trust Fund and one for \$70 made out to the Town of Swampscott for said search. The results of that search will be forwarded to the Board of Selectmen's Office for determination of suitability.

Applicant has paid \$50.00 application fee. [Signature] Signature Administrative Assistant Date Paid: 8/30/22

Board of Selectmen Permit/License Issued \_\_\_\_\_ Signature Town Administrator Date issued \_\_\_\_\_

Once the applicant has registered and/or received the appropriate license(s) from the Board of Selectmen and/or the Board of Health, applicant must register with the Chief of Police at 531 Humphrey Street, Swampscott, MA 01907.

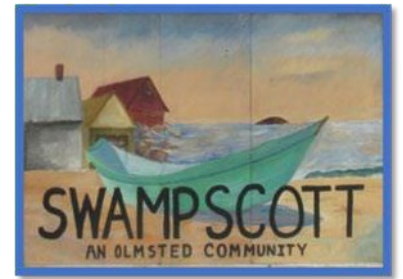
Registered with the Police Department [Signature] Signature of Chief of Police (or designee) Date registered: 09-01-22

2 weeks/\$150



# Town of Swampscott

Office of the **Town Administrator**  
Elihu Thomson Administrative  
Building 22 Monument Avenue  
Swampscott, MA 01907



*Sean R. Fitzgerald*  
Town Administrator

*Tel: (781) 596-8850*  
*Email: [sfitzgerald@swampscottma.gov](mailto:sfitzgerald@swampscottma.gov)*

September 28, 2022

Swampscott Select Board  
Town Administration Building  
22 Monument Avenue  
Swampscott, MA 01970

## **RE: SEPTEMBER 28<sup>th</sup>'s REPORT TO THE SELECT BOARD**

Dear Select Board:

I am pleased to be able to offer the following report on programs and initiatives that are on-going in the Town of Swampscott, as well as some updates on a variety of things that have happened since my last report.

### **ASSESSOR'S OFFICE**

This past week I met with Dick Simmons several times to discuss the 2022 values. I also attended the Board of Assessors Meeting at his request to discuss some of the abatement cases. Again, I shared with the Board of Assessors that we should vigorously defect what we believe to be ad valorem value for each property.

### **KING'S BEACH**

I held a key meeting last week with the Kings Beach stakeholder group. I have attached the presentation that was given by the technical team.

I have pushed back on the recommendation for the UV treatment as I still would like to discuss the lifecycle costs associated with the outfall pipe. We will be setting up a meeting over the next two weeks with Mayor Nicholson and Dan O'Neal, Executive Director of LWSC to dial into the details. I would like several Select Board members join me for these discussions as we are getting down to brass tacks for a preferred solution we hope to advance for state and federal funding.

### **FIRE**

I am happy to swear-in two new firefighters, Gino de Giorgio and Ariana Sarro. Chief Archer will be present at this meeting to introduce these new hires and discuss their back grounds. Here is a brief summary:

- Gino comes to us from Carmel, NY, is a current member of the Air National Guard and obtained his firefighter 1 & 2 certifications and EMT certification through the military. He also holds a BA in Criminal

Justice with a minor in Psychology. Gino speaks fluent Spanish. Gino is now assigned to Division 4.

- Ariana comes to us from the Revere/Winthrop Dispatch Center where she was a Call Taker/911 Dispatcher. She has a passion for firefighting and emergency response and is a certified EMT. Ariana also worked for several years with the Special Olympics as an educator, trainer & coach and worked with the Neighborhood of Affordable Housing Retreat alongside children of the Greater Boston area through workshops leading discussions of different socio-economic issues & how to make change in our communities. We anticipate sending Ariana to the Mass. Firefighting Academy in the Spring of 2023. She is assigned to Division 2.

## VETERANS

I had another productive meeting last week with Swampscott's Veteran's Agent Mike Sweeney and representatives of the DAV, American Legion and VFW at the Senior Center. Mike is helping to facilitate the collaboration among the Veteran's Crossings agencies to continue to work together on an annual budget and capital plan for the best use of the building.

Café Avallino is hosting monthly drop-in coffee hours Swampscott's veterans. These coffees are held on the last Monday of the month from 9:00 – 11:00 AM at Café Avellino, 242 Humphrey St. No RSVP required and coffee, tea and pastry are free.

## SENIOR CENTER

Heidi Whear & I have met several times to discuss the newly re-vamped All Ages Committee and the need for senior housing.

I attended a Seaglass Village event last week at the First Church. I was asked to share a few remarks on the work we have done over the last few years to invest in our Senior Services and meet the broader needs of Swampscott's aging population. I introduced Thatcher Keezer the new TA from Marblehead and we had a chance to catch up on some municipal budget talk. I also had a chance to speak with Pastor Ian about efforts to engage our younger population as we strategies on how to build a stronger, more connected community.

## DPW

DPW continues to work hard for residents. Last week, they installed a rectangular Rapid Flashing Beacon on Humphrey Street at Monument Ave. and repaired a ruptured water main on Palmer Road. Repair work on the King's Beach seawall continues. This work is expected to be completed soon.

The Town offers monthly free metal recycling & Styrofoam collection on the last Saturday of the month through October. For a full schedule, please refer to the Town's website or the monthly newsletter.

## BOARDS & COMMISSIONS

Dianne Marchese continues outreach to fill Board & Committee vacancies. If residents are interested in serving on a board or committee, please fill out an application form on the Town's website. Applications can be found under the "How do I" tab on the home page. Additionally, the following is a list of Committee appointments I am recommending this week:

### *COUNCIL ON AGING*

- Andrea Liftman 3-year term

### *ERAC*

- Joe Markarian 3-year term (alternate)

### *RECREATION*

- Thomas Younger 2-year term

- Jill Susarrey 2-year term
- Robert “Will” Reardon 2-year term

*HISTORICAL COMMISSION*

- Franceska O’Reilly 3-year term

*COMMISSION ON DISABILITY*

- Jill Susarrey 2-year term
- Debora Newman 3-year term
- Rachel Connary 3-year term
- Cindy Cavallaro 3-year term
- Jeffrey Blonder 2-year term
- Virginia Zeller 2-year term

*TSAC*

- Beth Isler 1-year term

**LIBRARY**

The Friends of Swampscott Public Library is holding its annual flower bulb sale. Bulbs must be ordered by October 15<sup>th</sup>. Contact the Library for more information.

**POLICE**

Chief Quesada & I have reviewed a scope of work for a significant project to improve operability of the SPD current radio infrastructure and radio equipment. He is going to provide me an updated map showing the promulgation of radio signals and cell phone signals to see how we can best address public safety needs.

We also discussed some changes for the Town’s “Special Police Officers”, these are retired Swampscott Police Officers that have been hired to exclusively work details. After a few weeks of negotiations with the SPD Union, all “Specials” will now be required to work a minimum of 8 hours a month as part time officers assigned to operational shifts to help alleviate some of the staffing challenges.

**RECREATION**

The third annual Swamptoberfest was held Saturday, September 10th and was quite a success! The dunk tank was particularly successful. In all \$26,000 was raised to split between the Town & Swampscott Yacht Club. These types of events continue to foster a feeling of inclusion & community in our residents.

The fall town-wide yard sale was held Saturday, September 17th, from 8:00 – noon. This has become such a success that that residents are already asking when the next one is!

**HISTORICAL COMMISSION**

I met with Nancy Schultz, chair of the Historical Commission, to discuss how the Town can work with the Commission to create an exhibit in observance of Indigenous People’s Month which begins October 15, 2022 and runs through the month of November.

Nancy has some contacts at Salem State and will be helping to get a speaker and outline a few programs for public education.

Respectfully Submitted,

Sean R. Fitzgerald  
Town Administrator

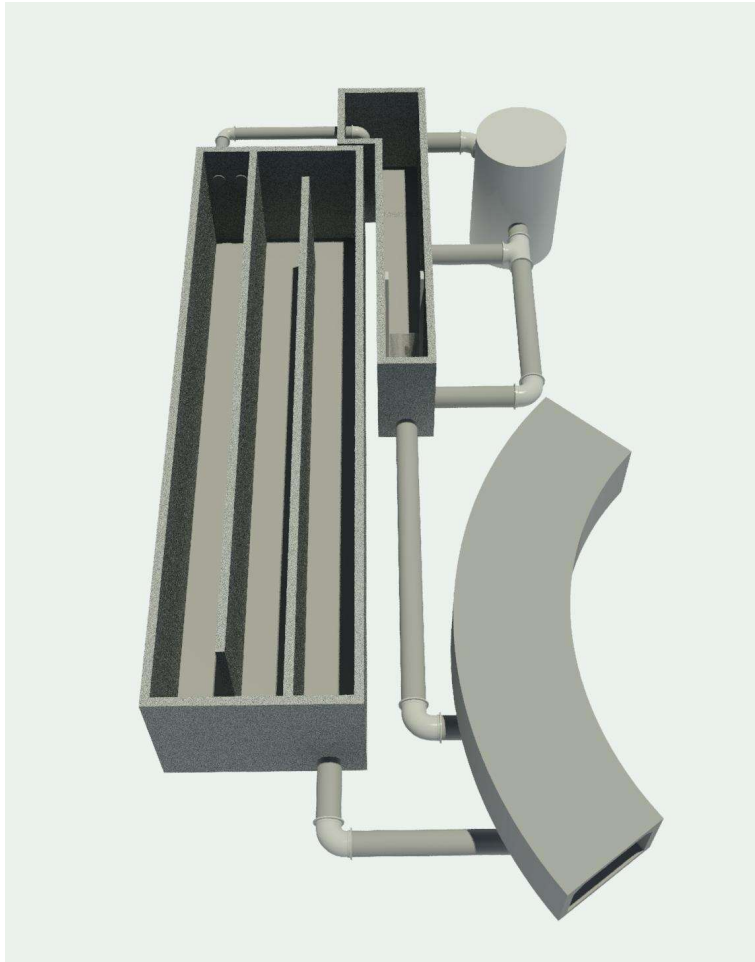
# KING'S BEACH BASIS OF DESIGN STUDY

## STEERING COMMITTEE MEETING 3

September 15, 2022



*8.31.22 – Site Tour of UV Disinfection System, Newport, RI*

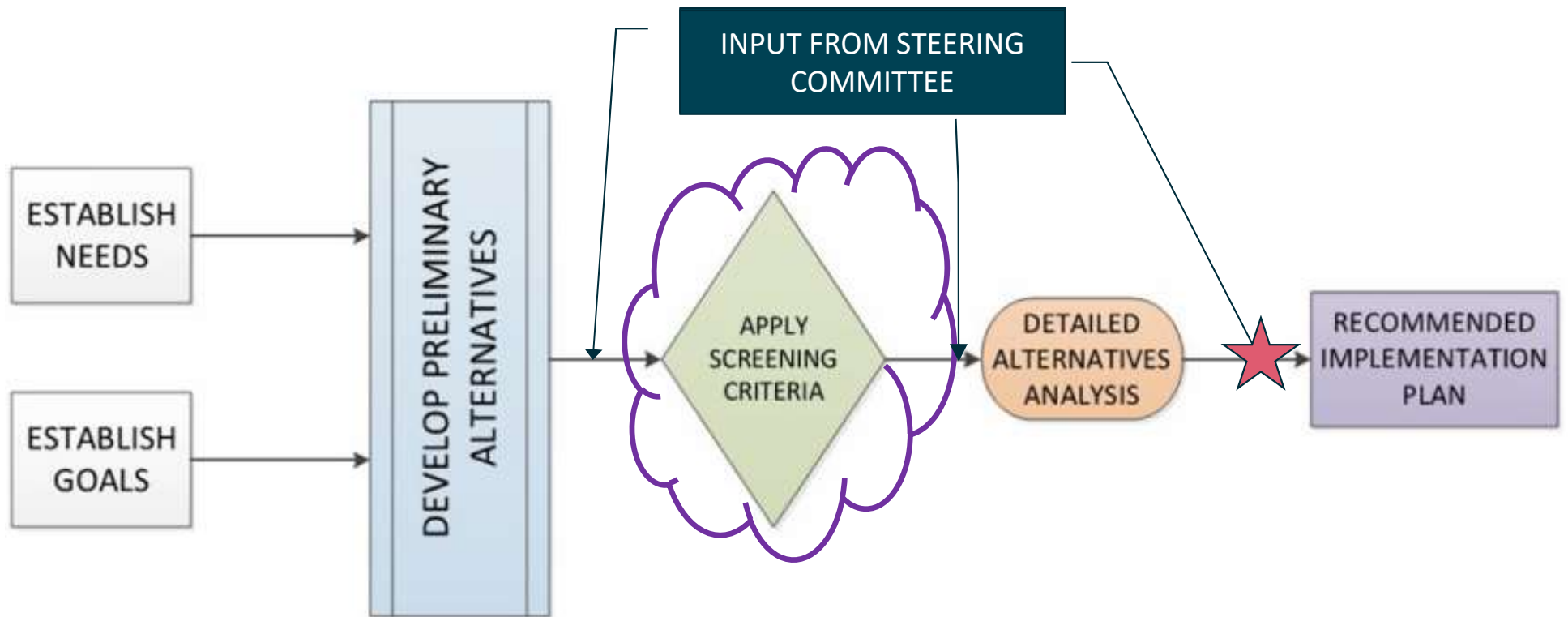


*Section View of Alternative 3 – Chemical Disinfection*

## Engineering Update

- Short-List for Detailed Evaluation
  - Alt 3 - Chemical Disinfection
  - Alt 4 - UV Disinfection
  - Alt 5 - Outfall Extension

# Alternatives Analysis Process

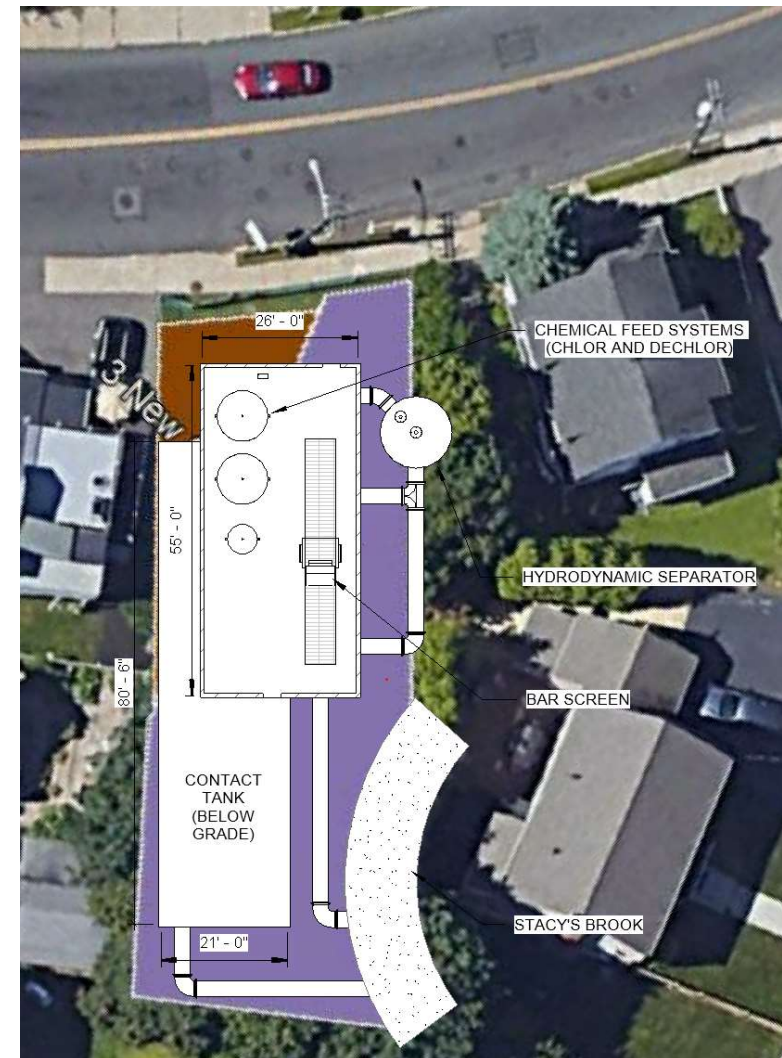




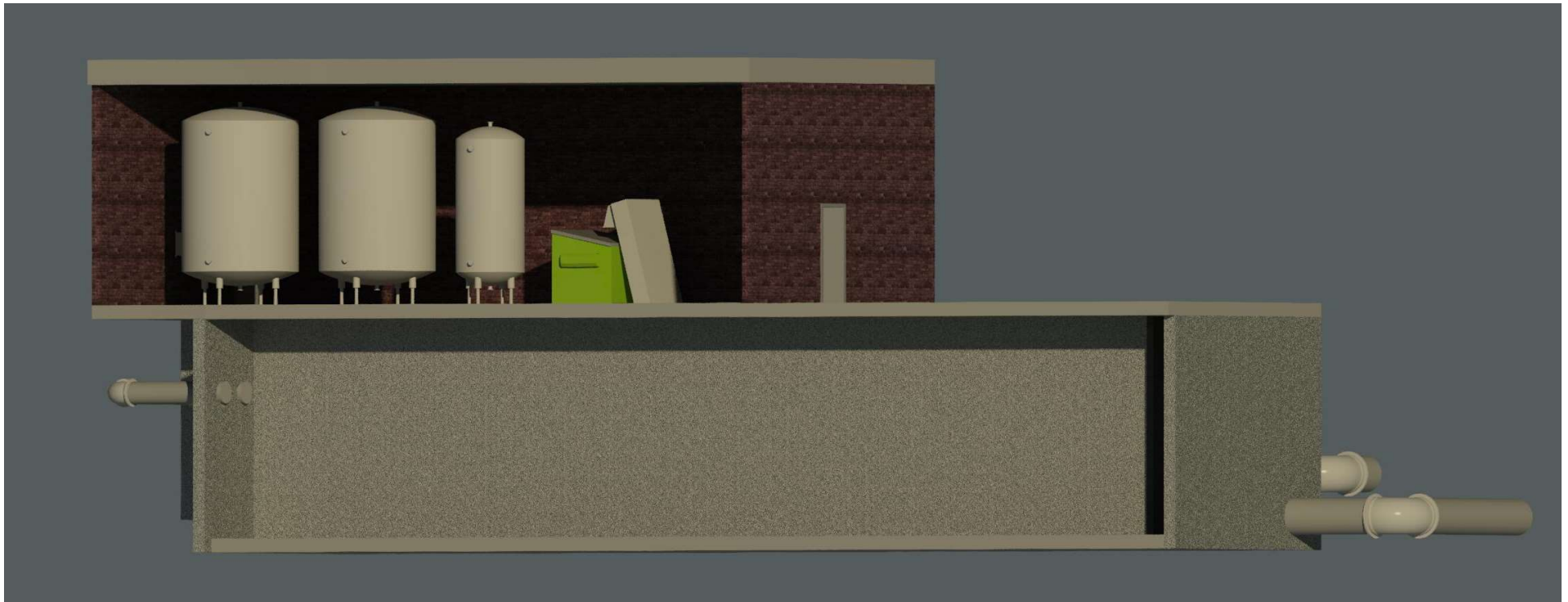


## Alternative 3 – Chemical Disinfection

- Conceptualized Layout at Town-Owned Lot on New Ocean Street
- Increased Building size to 1,430 SF
- Transitioned to a more typical “CSO” treatment approach
  - Chlorine Contact Tank (30 mins hold time)
  - Screening and Grit Removal
- Contact Tank reduces annual chemical expenses (higher hold time -> lower dose)
  - Eliminates need for additional dechlorination site.
- No Standby Power

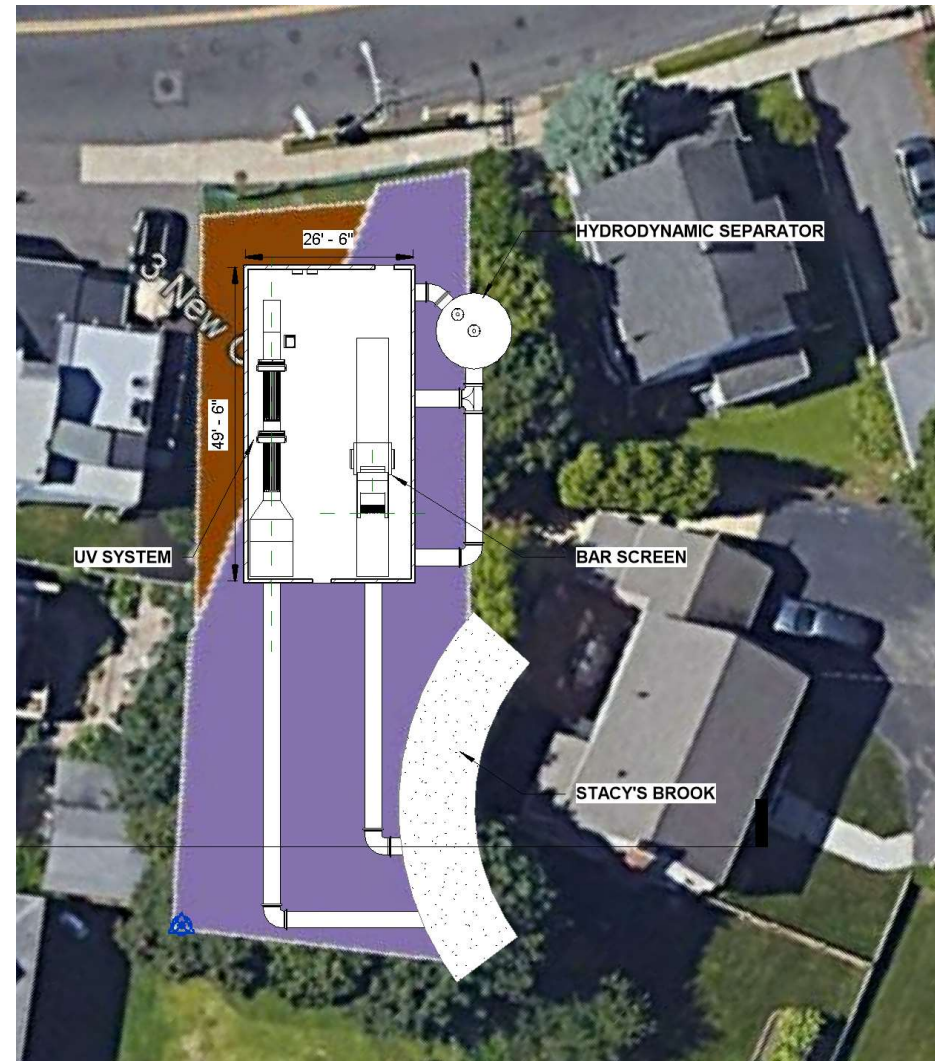


## Alternative 3 – Chemical Disinfection

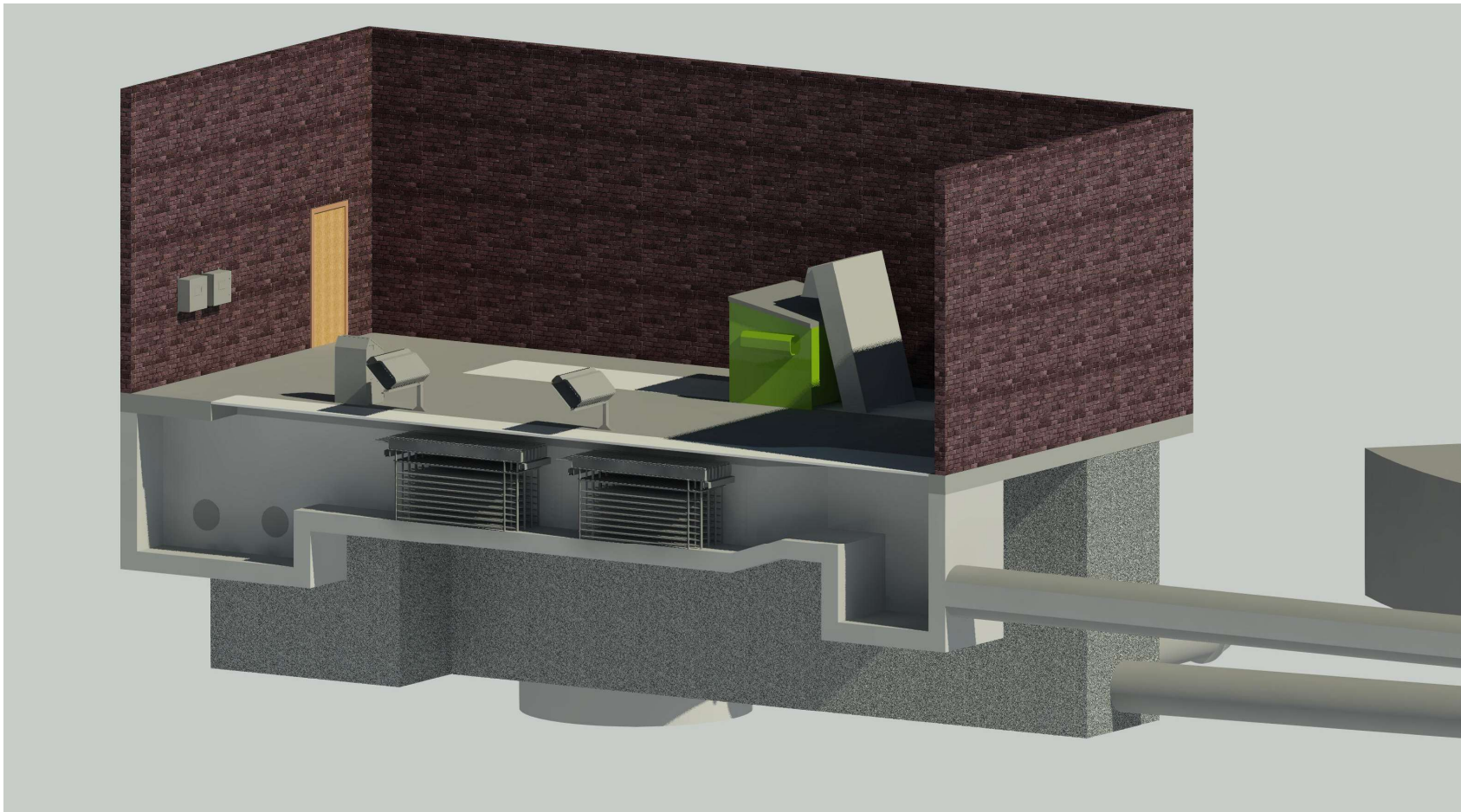


## Alternative 4 – UV Disinfection

- Conceptualized Layout at Town-Owned Lot on New Ocean Street
- Building Footprint increased to 1,290 SF
- Added Hydrodynamic Separator
- Reduced bar screen channels from 2 to 1
- Updated Construction Cost and Life Cycle Cost
- No Standby Power

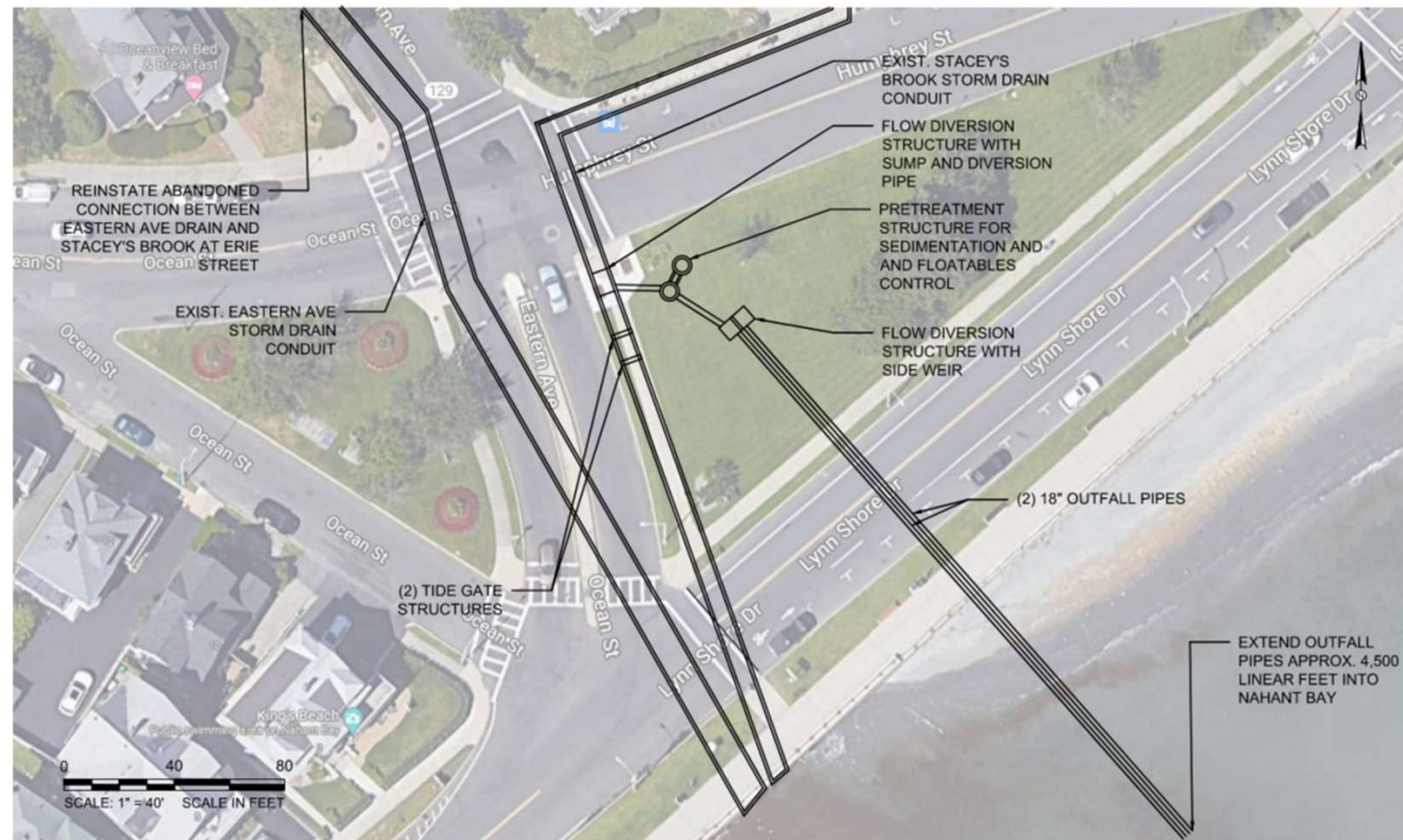


## Alternative 4 – UV Disinfection



## Alternative 5 – Outfall Extension

- Conceptualized Flow Control Structures and Overall Layout
- Added Tide Gate Structure
- Added Pretreatment/Sedimentation Trap

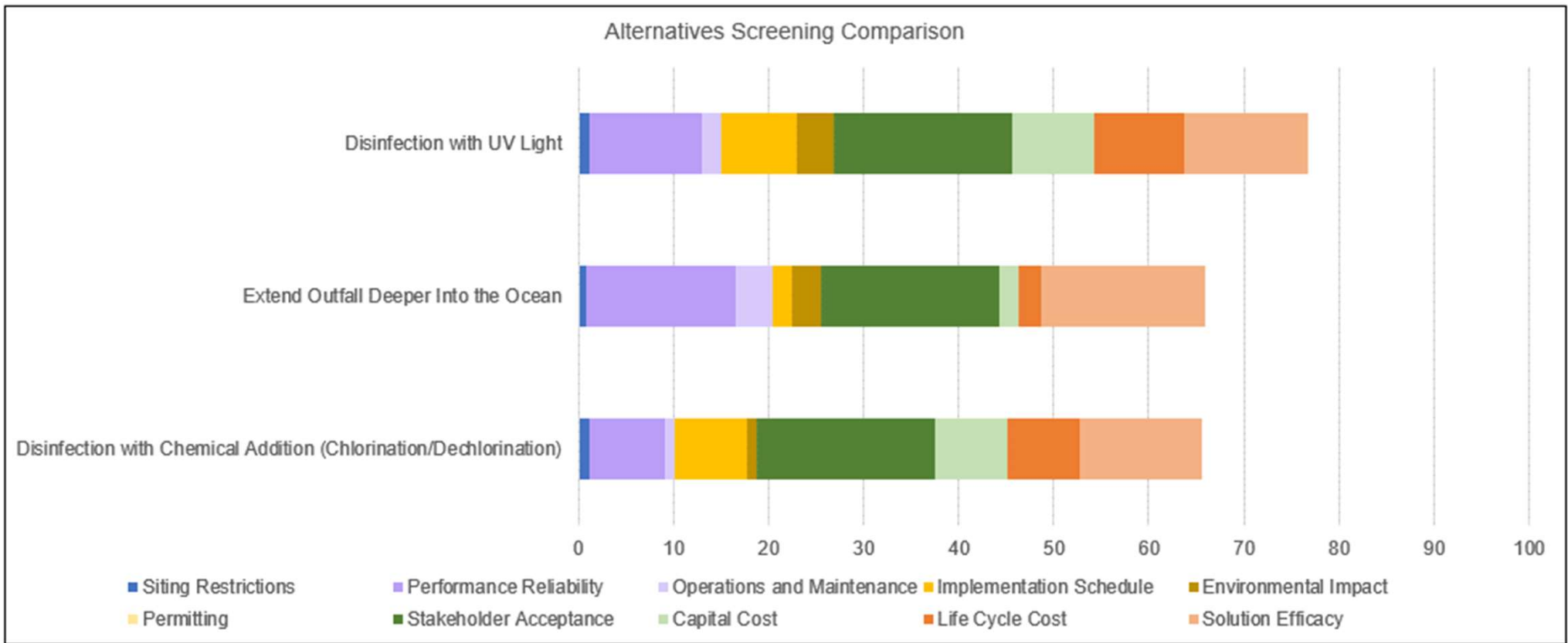


## Comparison of Key Metrics

Alt #	Description	Capital Cost*	Net Present Value*	Implementation Duration	% Beach Days Open	Peak Flow Capacity (MGD)
3	Chemical Disinfection	\$27,000,000	\$25,400,000	3.3 years	90%	5
4	UV Disinfection	\$21,300,000	\$19,500,000	3.1 years	90%	5
5	Extend Outfall	\$55,800,000	\$47,000,000	8.8 years	94%	10

*\* Cost estimates are reflective of this stage of design and therefore include 50% contingency*

# Alternatives Screening Comparison







## Recommended Approach – UV Disinfection

### Basis for Recommendation

- Lowest Life Cycle Cost
- Proven, highly effective treatment
- Stakeholder acceptance
- Positive feedback from regulators
- Scalable to larger flows

### Drawbacks of Other Alternatives

#### Chemical Disinfection

- Chemical costs lead to high life cycle costs
- More difficult process to control than UV
- Difficult to fit on existing Town parcel

#### Outfall Extension

- Capital Costs prohibitive
- Implementation Duration > 5 Years
- Many Hurdles to Overcome (eelgrass, Article 97, etc)
- Low Maintenance, but Difficult to Maintain or Repair if necessary

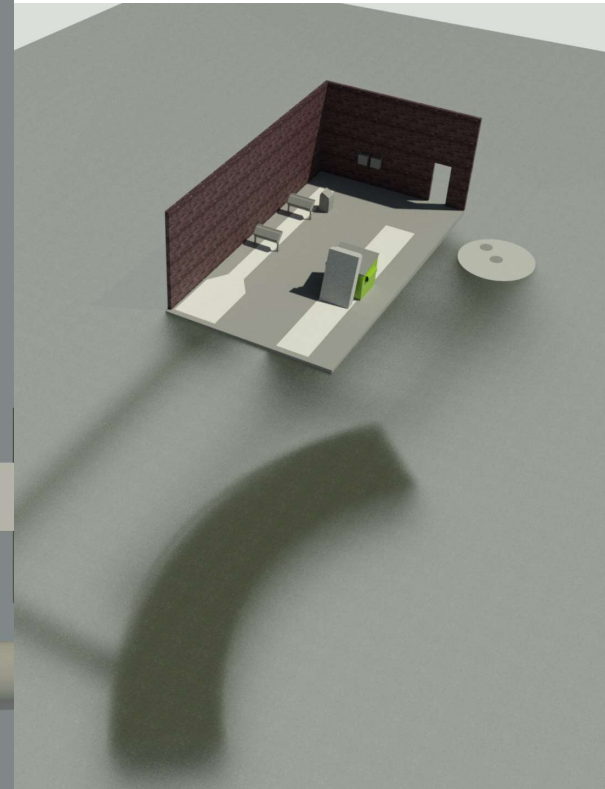
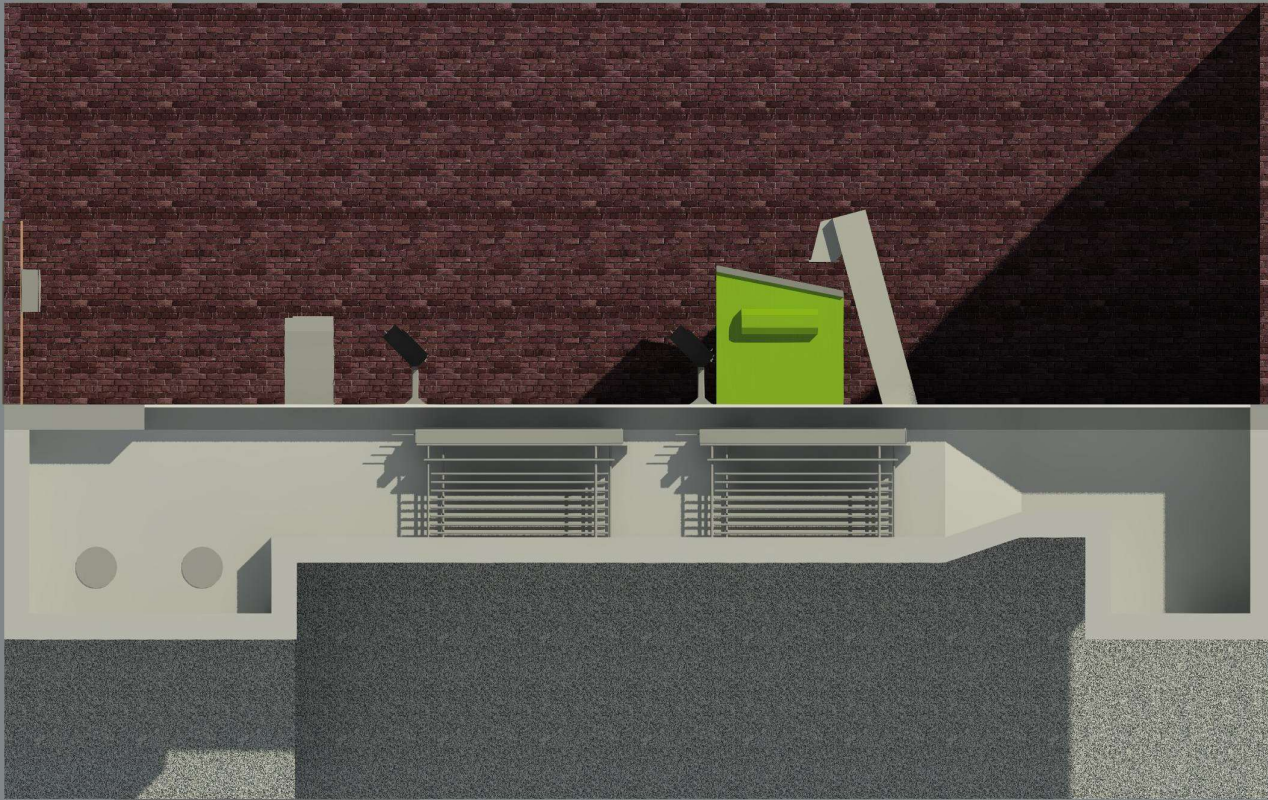


## Next Steps

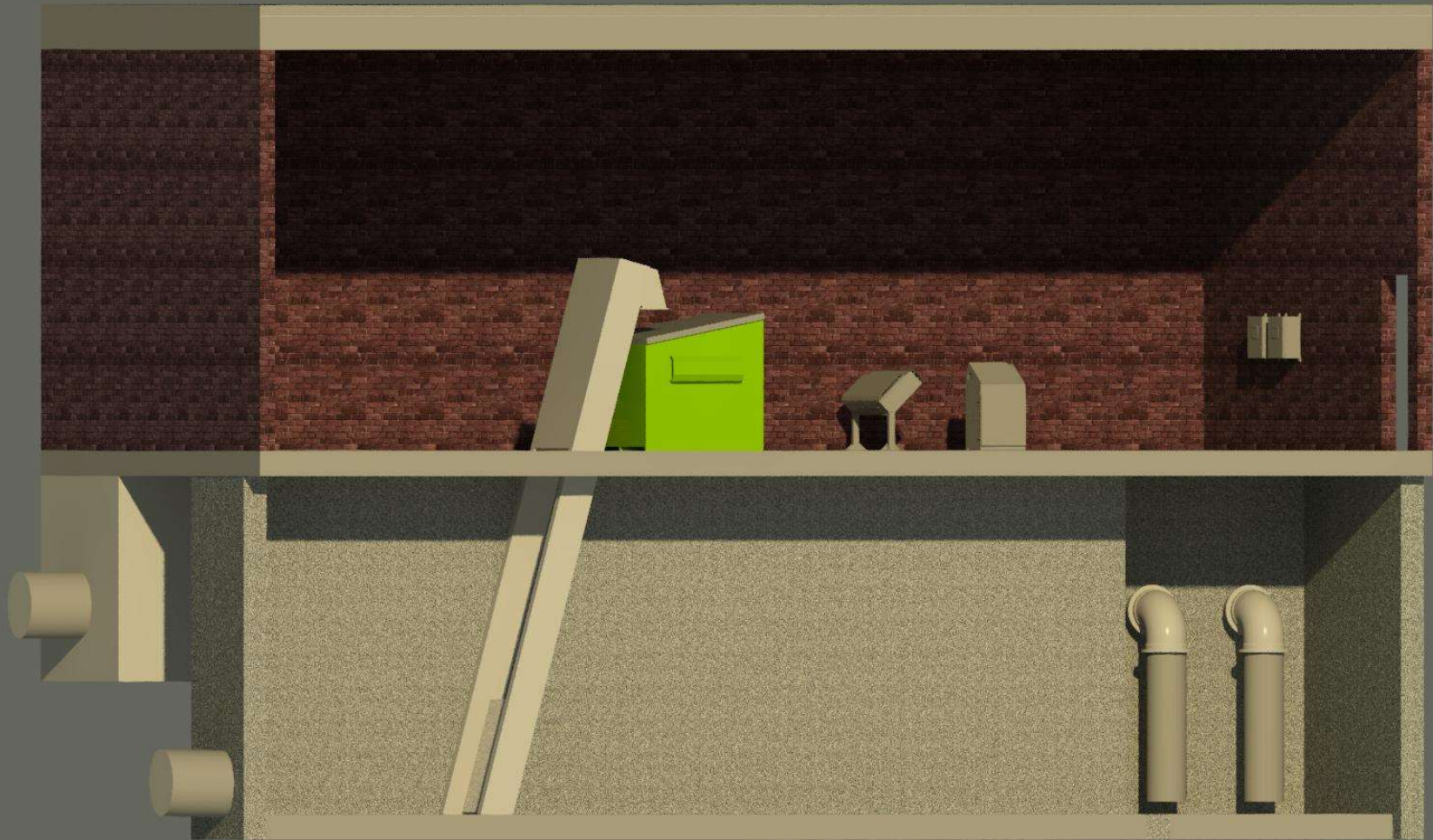
- Endorsement of Solution (City of Lynn, LWSC, Swampscott)
- Report Development
  - Peer Review and Updates
- Funding
  - ARPA
  - Bipartisan Infrastructure Law
- Implementation Steps
  - Pre-Design (additional sampling; flow / level; piloting)
  - Preliminary Design
  - Final Design & Permitting
  - Construction



# **BACKUP SLIDES**



# Bar Screen Section View



## Chlorine Contact Tank

