Town of Camden
Select Board Meeting
August 4, 2020 – 6:30 PM

French Conference Room – will not be open for the public to attend

This meeting will be done by teleconference through Zoom and streamed at: www.youtube.com/TownofCamdenMaine.
The YouTube platform will allow anyone watching to publicly comment on any items.

Agenda

1. Public Input on non-agenda items

2. Approval of Board Minutes from July 21, 2020

3.Consent Agenda:
   a. Consideration of appointment to the Endowment Investment Committee
   b. Approval of name to be added to the Village Green Honor Roll – Douglas Weed
   c. Request for Annual Block Party for Maple Street, on Friday, August 14 from 5 pm to 11 pm (rain date: August 21)
   d. Approval of Renewal to Interlocal Agreement with the City of Belfast for Legal Services

4.Action Items:
   a. Approval of FY 21 Snow Bowl Budget
   b. Approval of FY 21 Wastewater Budget
   c. Approval of General Fund and Wastewater Carryforwards from FY20 to FY21
   d. Setting a date for public hearing – Eminent Domain: Route 105 Sidewalk
   e. Setting a date for public hearing – Amendment to Traffic Code: Removal of "No Parking" on Route 52

5.Discussion Items:
   a. Update on Tannery & Sagamore Farm
   b. Regional Broadband Study Proposal
   c. Updates: Select Board & Town Manager

Town of Camden
Draft Minutes of the Select Board Organizational & Regular Meeting
July 21, 2020

PRESENT: Chairperson Bob Falciani, Vice Chair Alison McKellar, Marc Ratner, Taylor Benzie, and Jenna Lookner. Also present were Town Manager Audra Caler, Randy Gagne, Dave Morrison, Dave St. Laurent, Jeremy Martin, Geoffrey Scott, and Angela King.

Call to Order
The meeting was called to order at 6:30 p.m.

1. Select Board Organizational Meeting:
   i. Swearing in of newly elected Board members by the Town Moderator.
   Alison McKellar and Bob Falciani were sworn in as newly re-elected members of the Select Board by Town Moderator Dave Morrison.
   ii. Election of Select Board Chairperson
   iii. Election of Select Board Vice-Chairperson
   Ratner motioned to nominate Bob Falciani as Chairperson and Alison McKellar as Vice-Chairperson. Lookner seconded. No discussion. Roll call: 5 (Ayes). Motions pass 5-0-0.
   iv. Reappointment of the Town Attorney for the term July 1, 2020 through June 30, 2021 pursuant to Article IV of the Town Charter
   McKellar made a motion to reappointment Town Attorney Bill Kelly for the term July 1, 2020 through June 30, 2021 pursuant to Article IV of the Town Charter. Ratner seconded. No discussion. Roll call: 5 (Ayes). Motion passed 5-0-0.
   v. Reappointment of the following for ensuing year, pursuant to Article II of the Town Charter
      a. Police Chief
      b. Fire Chief
      c. Overseer of the Poor (General Assistance Director)

   Ratner made a motion to reappoint Randy Gagne as Police Chief, Chris Farley as Fire Chief and Janice Esancy as Overseer of the Poor (General Assistance Director), pursuant to Article II of the Town Charter. McKellar seconded. No discussion. Roll call: 5 (Ayes). Motions pass 5-0-0.

2. Public Input on non-agenda items:
   No public.

3. Discussion of the Rules of Order to be followed at Select Board Meetings:
   Falciani suggested a review of the Rules of Order at some future date. McKellar pointed out notice of meetings. Caler suggested adding the mini workshop to the beginning of the future board workshop.

4. Approval of Board Minutes from July 7, 2020:
   Ratner had one correction for Section 5. Approval of Village Green Use Application - "Public Discussion on racial just" should have said "Public Discussion on Racial Justice".
   Ratner motioned to approve the Board Minutes from July 7, 2020 with one correction to Section 5. McKellar seconded. No further discussion. Roll call: 5 (Ayes). Motion passed 5-0-0.

5. Approval of Request for Extension of Liquor License for 40 Paper to expand outdoor seating during COVID-19:
   No discussion.
   Ratner motioned to approve the Request for Extension of Liquor License for 40 Paper to expand outdoor seating during COVID-19. McKellar seconded. No further discussion. Roll call: 5 (Ayes). Motion passed 5-0-0.

6. Fees for Windjammers and Daysailers during COVID-19:
   The board discussed two letters received from the Windjammers and Daysailers for reduction of fees. It was noted that the Windjammers are not conducting any business and Daysailers are doing a little bit if they can.
   Benzie motioned to reduce the Daysailer and Windjammer fees by 50%. Lookner seconded. McKellar discussed each sailor's different financial position. Would prefer to conceptually support a reduction in fees but not necessarily the same for everybody. Payments won't be made until end of season. Benzie withdrew his motion. Motion moved by Ratner to delay payment until October 1. Seconded Roll call: 5 (Ayes). Motion passed 5-0-0.

7. Discussion on Advisory Lanes:
   Jim Tasse, Assistant Director of Bicycle Coalition of Maine, shared the conceptual idea of using Advisory Lanes on Mechanic Street. These lines are used to slow traffic and allow for safe passage of pedestrians and cyclists. Benzie mentioned that street parking is popular on both sides of Mechanic Street. Tasse responded that it would need to be studied but could work. McKellar asserted that she doesn't want to discourage street parking. Would like to see a more descriptive presentation. Ratner asked Randy and Dave to speak. Gagne shared the Police Departments speed study of Mechanic Street from June 18 – 25. Falciani questioned the use of segmented lanes. Tasse confirmed that intersections would have two distinct lanes. St. Laurent brought up concerns of the Street for everyone to be aware of going forward. Falciani suggested more homework to then come back with a solid recommendation, ASAP. Caler suggested public input and for the team to bring a motion to the next meeting. Please view recorded meeting to view power point and hear all points and concerns.

8. Reappointment of the Town Manager pursuant to Article II, §5 of the Town Charter:
   No discussion.
   Benzie motioned to reappoint the Town Manager pursuant to Article II, §5 of the Town Charter. Ratner seconded. No discussion. Roll call: 5 (Ayes). Motion passed 5-0-0.

9. Reappointment of the Road Commissioner pursuant to Title 23 M.R.S. §2701:
   No discussion.
   Benzie motioned to reappoint the Road Commissioner pursuant to Title 23 M.R.S. §2701. Ratner seconded. No discussion. Roll call: 5 (Ayes). Motion passed 5-0-0.

10. Reappointment of the Harbormaster pursuant to the Harbor & Waterways Ordinance, Article III, §3:
    No discussion.
    Benzie motioned to reappoint the Harbormaster pursuant to the Harbor & Waterways Ordinance, Article III, §3. McKellar seconded. No discussion. Roll call: 5 (Ayes). Motion passed 5-0-0.

11. Confirmation of the Town Manager's appointments of the Treasurer, Tax Collector, and the Town Clerk and Department Heads pursuant to Article III of the Town Charter:
    No discussion.

Benzie motioned to confirm the Town Manager's appointments of the Treasurer, Tax Collector, Town Clerk and Department Heads pursuant to Article III of the Town Charter. Lookner seconded. No discussion. Roll call: 5 (Ayes). Motion passed 5-0-0.

12. Setting a date for a Workshop on Priorities for Planning and Policy Development:
    The workshop is scheduled for August 12th at 10am.

13. Browntail Moth: Mid-Late Summer Remediation Activities:
    Presenter was not available – check out his March presentation. Adult moths are out currently. FAQ, most important management tip to help control, turn off outside lights, reduce outdoor lighting. Town will be leading by example, reducing lighting where possible.

14. Select board Reports:
    Ratner: We have 1 active COVID-19 case in the county, mask wearing is so important, let's stay vigilant. Attended the Opera House staff meeting last week, they will be using the Snow Bowl for a music concert. The Downtown Design Group has been working, as the Mechanic Street parking lot is being reconstructed, on creating a nautical flag mural spelling out Camden. It is going to be put on the building wall in the parking lot. The parking lot is looking great and so does the stairway.

    McKellar: The major thing is that this week the surveying of the river is starting. Notifications to property owners were sent out. Today they lowered the Know Mill impoundment. Sampling sediment, assessments on buildings, observing wildlife. Reach out if you have questions, it's just temporary to study conditions.

    Benzie: no updates.

    Lookner: received an email from a downtown business owner with concerns about the Flea market.

    Falciani: no updates.

    Caler: There's another round of the Keep Me Healthy grant coming the deadline is the 31st and we will be putting in another application.

    Martin: Media for the Maine outdoor film festival coming soon as it is August 20, social distance event, 50 people, $15 ticket, most proceeds will go to the Library.

Rater motioned to adjourn the meeting as Select Board members and reconvene as Wastewater Commissioners. McKellar seconded. No discussion. Roll call: 5 (Ayes). Motion passed 5-0-0.

AS WASTEWATER COMMISSIONERS

1. Discussion of the Rules of Order to be followed at Wastewater Commissioner Meetings:
   Ratner noted to update item (B) location of meeting to the French Conference room.

2. Appointment of Chief Executive and Administrative Official of the Wastewater Department, and of the Superintendent of the Wastewater Department, Pursuant to Article V, §7 of the Town Charter:
   No discussion.
   Ratner motioned to appoint Audra Caler as the Chief Executive and Administrative Official and Dave Bolstridge as the Superintendent of the Wastewater Department. Lookner seconded. No discussion. Roll call: 5 (Ayes). 5-0-0.

ADJOURN

There being no further business before the Select Board Chair Falciani entertained a motion to adjourn. ***A motion was made to adjourn as Wastewater Commissioners at 8:34 p.m. McKellar seconded. No discussion. Roll Call: 5 (Ayes). The motion passes 5-0-0.***

Go to https://www.youtube.com/watch?v=15nkHIFHCKM **to view the entire select board meeting.**

Respectfully Submitted,
Caitlin Thompson
Recording Secretary

TOWN OF CAMDEN

TOWN COMMITTEE/BOARD INTEREST FORM

Please fill out this form if you wish to be considered for membership on a Town committee/board:

NAME: Parker S. Laite Jr. DATE: 7/22/2020

ADDRESS: 26 Victoria Road HOME PHONE: 236-2429

Camden, Maine 04843 WORK PHONE:

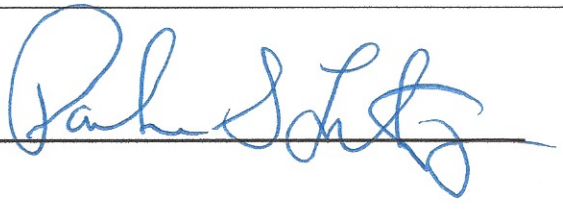
FAX # E-mail: pslaitejr@gmail.com

I am interested in serving on the Camden Investment Committee

On the following lines, please tell us about yourself and why you would like to serve on the committee(s) you've listed above. If you need more space, please use the back of this sheet.

Currently I serve as Chairman of the Camden Cemetery Committee, as part of the Cemetery ordinance one of the committees duties is to direct the investment of Cemetery Association funds, in consultation with the board of selectmen.

I previously served on the investment committee as well as the Board of Selectmen, Zoining Board of Appeals, Budget Committee and many other task forces.

Your Signature:  **Date** 7/22/2020

(You will be notified when the Camden Select Board will be making appointments to the committee in which you are interested in order that you may be present at the meeting to make a brief presentation to the Select Board. Although your presence at a Select Board meeting is not required, the Board does enjoy meeting the citizens who wish to serve the Town. If you have any questions, please call Janice Esancy at the Camden Town Office at 236-3353.

WAR TIME VETERANS ONLY MAY APPLY

APPLICATION FOR INCLUSION ON TOWN OF CAMDEN VETERAN'S HONOR ROLL

CAMDEN VILLAGE GREEN

A separate application must be completed for each veteran

A copy of honorable discharge form DD214 or equivalent must be attached, or application will be returned.

1. Full Name of Veteran: Douglas W. Weed

Please print or type name EXACTLY as you would like the name to appear on the memorial (22 CHARACTER MAXIMUM)

Is the Veteran currently ☐ Living ☒ Deceased ☐ Died in conflict

3. If Living, does the Veteran currently reside in the Town of Camden, Maine ☐ YES ☐ NO

4. Camden address where Veteran currently resides: _____

   Number of years at this address: _____

   Property Owner's Name: _____

5. If living OR deceased, list any other Town of Camden address(s) where the Veteran resided, the Property Owner's Name, (if not owned by the Veteran him/herself), and number of years at each address:

Address	Property Owner's Name	# of Years
11 Blake St	Douglas Weed (Father)	10

6. If any of the above property owners' last name differ from the Veteran's, please explain the Veteran's relationship to property owner:
   Son

7. During which War of Conflict did the Veteran serve:
   Vietnam

8. NAME AND ADDRESS OF PERSON MAKING APPLICATION: Jeff Sukeforth
   PO Box 187, American Legion, Camden Maine 04843

9. Your Relationship to this Veteran: Fellow Veteran

10. Should you have questions concerning completion of this form please call 207-236-3353. Return your completed application and copy of your separation papers to the following address: Town of Camden, Town Manager's Office, PO Box 1207, Camden, Maine 04843

Approved by the American Legion Jeff Sukeforth, Adjutant — Name & Title

7/27/2020 — Date

Honorable Discharge

from the Armed Forces of the United States of America

This is to certify that

DOUGLASS W WEED AF21208663 A2C AFRES

was Honorably Discharged from the

United States Air Force

on this 6TH day of OCTOBER 1966. This certificate is awarded as a testimonial of Honest and Faithful Service

Y. C. HOLLICK
COLONEL, USAF

DD FORM 1 NOV 51 256 AF PREVIOUS EDITIONS OF THIS FORM MAY BE USED.

THIS IS AN IMPORTANT RECORD — SAFEGUARD IT!

Douglas W Weed

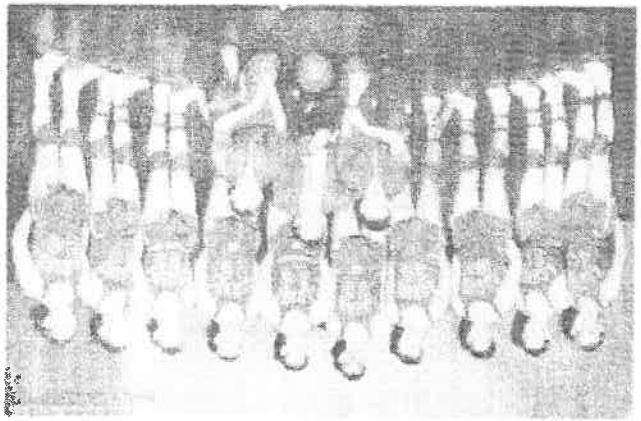
in the U.S. Public Records Index, 1950-1993, Volume 2

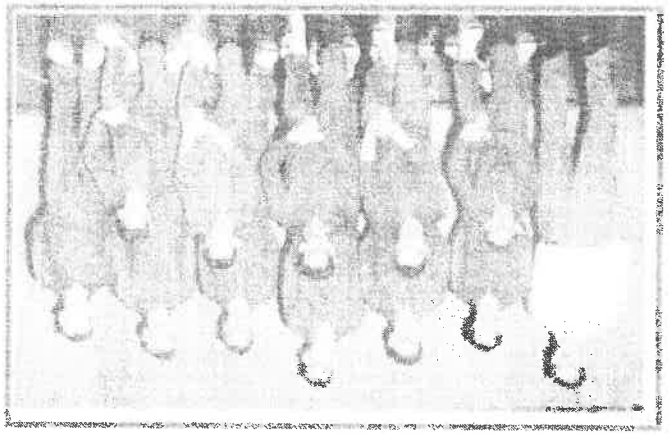
- Name: Douglas W Weed
- Birth Date: 17 Oct 1942
- Address: 11a Blake St
- Residence Place: Camden, Maine, USA
- Zip Code: 04843

Douglas Weed

in the U.S. Phone and Address Directories, 1993-2002

- Name: Douglas Weed
- Gender: Male
- Address: 11 Blake St
- Residence Place: Camden, Maine, USA
- Zip Code: 04843-1502
- Phone Number: 207-236-2182
- Spouse: Karen Weed





Town of Camden
Maine

Snow Bowl - Ski Area
FY 21 Budget

CAMDEN
SNOW BOWL

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

SNOW BOWL BUDGET - EXPENSE SUMMARY

	Department	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Dept. Head	FY 21 Town Manager	FY 21 Select Board
70-01	Administration	191,800	212,602	183,150	173,191	192,350	193,941	197,855	197,855	-
70-05	Lodge, Maint Shop	47,730	42,347	50,260	57,902	59,050	55,637	58,250	58,250	-
70-15	Alpine	528,850	543,194	547,900	587,686	589,900	631,372	547,200	547,200	-
70-20	Rental Shop	31,800	29,107	43,250	48,517	45,600	49,067	48,900	48,900	-
70-30	Toboggan Nationals	26,807	29,129	28,850	32,706	32,150	42,331	32,300	32,300	-
70-35	Capital/Debt	47,013	47,013	48,357	48,348	26,842	26,841	506,097	506,097	-
		874,000	**903,392**	**901,767**	**948,350**	**945,892**	**999,189**	**1,390,602**	**1,390,602**	-
								47.01%	47.01%	-100.00%
									Change over FY 20	

SNOW BOWL BUDGET - REVENUE SUMMARY

	Department	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Dept. Head	FY 21 Town Manager	FY 21 Select Board
92-01	Administration	34,800	25,200	49,660	19,796	80,000	70,080	40,700	40,700	-
92-01	Lodge	16,700	18,530	29,900	31,971	30,700	24,601	32,200	32,200	-
92-01	Alpine	742,500	785,742	771,500	871,357	760,500	830,355	816,000	816,000	-
92-01	Toboggan Nationals	80,000	69,632	75,000	85,510	77,000	83,871	80,000	80,000	-
NEW	Capital/Debt	-	-	-	-	-	-	422,050	422,050	
		874,000	**899,104**	**926,060**	**1,008,634**	**948,200**	**1,008,907**	**1,390,950**	**1,390,950**	-
								46.69%	46.69%	-100.00%
									Change over FY 20	
NET SNOW BOWL BUDGET		-	**(4,288)**	**24,293**	**60,284**	**2,308**	**9,718**	**348**	**348**	-

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

SNOW BOWL - REVENUE

Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Dept. Head	FY 21 Town Manager	FY 21 Select Board
Administration									
92-01-29 Miscellaneous	-	1,826	-	3,553	-	1,135	-	-	
92-01-17 Scholarships (Lacasse etc.)	7,000	4,939	7,000	3,520	7,000	6,824	7,000	7,000	
92-01-20 Sponsorship Revenue	15,000	1,500	10,000	500	10,000	6,516	7,000	7,000	
92-01-25 RMRA Fundraising	-	-	-	-	-		-	-	
92-01-26 Grants/Programs/Donations	12,000	12,153	10,000	10,304	10,000	8,176	10,500	10,500	
92-01-28 Foundation Donation	-	-	-	-	-	10,375	-	-	
92-01-30 Credit Card Checking Interes	800	2,122	-	1,919	-	4,054	3,200	3,200	
92-01-31 Ski Club Membership	-	2,660	2,660	-	-		-	-	
92-01-40 Use of Surplus	-	-	-	-	33,000	33,000	-	-	
92-01-35 Town Monetary Support/Deb	-	-	20,000	-	20,000	-	13,000	13,000	
	34,800	**25,200**	**49,660**	**19,796**	**80,000**	**70,080**	**40,700**	**40,700**	**-**
Lodge									
92-01-01 Lodge Rental	6,700	10,095	8,000	9,485	8,000	4,300	8,500	8,500	
92-01-08 Kitchen Lease	6,000	4,735	6,000	5,964	5,000	5,126	5,000	5,000	
92-01-22 Locker Rent	4,000	3,700	3,900	3,522	5,700	4,850	5,700	5,700	
92-01-06 Kitchen Propane Reimb.	-	-	-	-	-	1,325	1,000	1,000	
92-01-32 Retail Lease	-	-	12,000	13,000	12,000	9,000	12,000	12,000	
	16,700	**18,530**	**29,900**	**31,971**	**30,700**	**24,601**	**32,200**	**32,200**	**-**
Alpine									
92-01-02 Daily Tickets	315,000	280,118	275,000	287,469	240,000	235,617	250,000	250,000	
92-01-03 Season Tickets	206,000	266,682	250,000	294,156	258,000	318,403	300,000	300,000	
92-01-04 Lesson Income	85,000	91,307	85,000	106,459	90,000	97,133	90,000	90,000	
92-01-05 Race Income	35,000	33,336	35,000	42,256	40,000	43,964	42,000	42,000	
92-01-06 Gift Card Purchases	-	16,361	15,000	13,286	15,000	14,602	15,000	15,000	
92-01-07 Summer Chairlift	5,000	7,206	15,000	23,222	18,000	19,074	18,000	18,000	
92-01-10 Toboggan Rides	3,000	2,370	3,000	5,964	4,500	6,162	6,000	6,000	
92-01-11 Rental Equipment	80,000	76,430	80,000	89,888	75,000	75,252	75,000	75,000	
92-01-12 Merchandise Sales	3,500	4,547	3,500	2,557	10,000	10,148	10,000	10,000	
92-01-27 Ski Club Donation	10,000	7,385	10,000	6,100	10,000	10,000	10,000	10,000	
	742,500	**785,742**	**771,500**	**871,357**	**760,500**	**830,355**	**816,000**	**816,000**	**-**
Toboggan Nationals									
92-01-15 Tobogganfest	80,000	69,632	75,000	85,510	77,000	83,871	80,000	80,000	
	80,000	**69,632**	**75,000**	**85,510**	**77,000**	**83,871**	**80,000**	**80,000**	**-**
Capital/Debt									
NEW Pisten Bully Loan Proceeds	-	-	-	-	-		422,050	422,050	
	-	**-**	**-**	**-**	**-**		**422,050**	**422,050**	**-**
TOTAL REVENUE	**874,000**	**899,104**	**926,060**	**1,008,634**	**948,200**	**1,008,907**	**1,390,950**	**1,390,950**	**-**
							46.69%	46.69%	-100.00%
								Change over FY 20	

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

Dept/Div: 70-01 Snow Bowl/Admin

	Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Dept. Head	FY 21 Town Manager	FY 21 Select Board
7001-0101	Full-Time Wages	53,700	57,371	58,000	56,595	60,700	59,820	64,200	64,200	
7001-0105	Part-Time Wages	17,000	10,539	15,000	8,874	10,000	11,608	10,000	10,000	
7001-0501	FICA/Medicare	5,400	5,134	5,600	5,539	5,500	5,444	5,700	5,700	
7001-0505	Retirement	5,200	6,889	5,900	5,800	6,100	5,948	6,600	6,600	
7001-0510	Health Insurance	23,000	33,559	13,800	18,600	17,800	17,576	18,400	18,400	
7001-1001	Office Supplies	5,000	3,269	5,000	1,616	1,500	1,626	1,500	1,500	
7001-1003	Postage	50	31	50	-	50	22	50	50	
7001-1005	Dues and Publications	3,550	3,755	3,800	3,805	3,900	3,859	3,000	3,000	
7001-1201	Mileage	1,000	-	1,000	246	1,000	516	1,000	1,000	
7001-1202	Professional Development	2,000	2,205	2,200	2,368	2,400	1,849	2,000	2,000	
7001-1205	Uniforms/Clothing	1,500	467	1,500	1,185	5,000	3,655	3,500	3,500	
7001-1215	Advertising/Marketing	15,000	10,874	15,000	7,348	10,000	7,866	10,000	10,000	
7001-1520	Communications	3,500	2,179	3,500	2,392	3,500	3,728	3,500	3,500	
7001-2501	General Liability Insurance	35,000	38,098	38,000	39,841	40,000	47,034	45,000	45,000	
7001-2510	Workers' Comp. Insurance	-	-	-	-	10,000	10,648	10,000	10,000	
7001-3001	General Legal	400	385	200	396	200	389	200	200	
7001-3011	Printing	1,500	50	1,500	3,490	1,500	987	1,500	1,500	
7001-3013	Software Support/Licensing	5,000	5,100	5,100	5,202	5,200	5,202	5,205	5,205	
7001-3102	Credit Card Fees	7,000	26,702	1,000	3,331	2,000	336	500	500	
7001-3235	Computer/office Equip Maint	7,000	5,995	7,000	6,563	6,000	5,828	6,000	6,000	
		191,800	**212,602**	**183,150**	**173,191**	**192,350**	**193,941**	**197,855**	**197,855**	**-**
								2.86%	2.86%	-100.00%
									Change over FY 20	

7001-0101 **Full-Time Wages**
Full-time salaries for administrtative staff, which includes a director and assistant director.

7001-0105 **Part-Time Wages**
Two seasonal administrative assistants
For FY18 duties will revert to include in-house marketing, web site, newsletter.

7001-0501 **FICA/Medicare**
7.65% Employer share of FICA/Medicare.

7001-0505 **Retirement**
Retirement plans offered are either enrollment in an ICMA Deferred Compensation Plan or enrollment in the Maine Public Employees' Retirement System. Employees enrolled in ICMA receive up to a 5% match from the Town. The Town's share of MPERS for employees enrolled in the retirement plan is 10.1%.

7001-0510 **Health Insurance**
Health insurance coverage is available to full time employees. Part time employees who work 20 hours or more per week year round (but less than 30 hours)are eligible to join at their own expense. Employees hired after Jan. 1, 2007 pay a share of dependent coverage. The Town offers employees three plan options with different levels of coverage, and therefore, creates a cost difference. More expensive plans will require more employee cost participation.

7001-1001 **Office Supplies**
General office & office equipment supplies: Pens, pencils, rulers, staples, note pads, paper clips, paper, toner, thumb drives, etc.

7001-1003 **Postage**
Snow Bowl postage for mailing letters, packages, etc.

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

7001-1005 **Dues and Publications**
Includes National Ski Area Association and Ski Maine

7001-1201 **Mileage**
Mileage Reimbursement for employees who might travel on Town business.

7001-1202 **Professional Development**
Training costs for personnel.

7001-1205 **Uniforms/Clothing**
Clothing provided by the Town for certain personnel to wear at work, that shows they are Snow Bowl personnel.

7001-1215 **Advertising/Marketing**
Various types of marketing the Snow Bowl: radio, print media, internet, partnerships, ski resort services.
For FY 20 will be again done by Snow Bowl staff.

7001-1520 **Communications**
Land line phones, cell phones or monthly stipends.

7001-2501 **General Liability Insurance**
Ski area liability insurance. Includes surcharge on previous year when income is above projections.

7001-3001 **General Legal**
Fees to provide legal counsel as may be necessary.

7001-3011 **Printing**
Pamphlets promoting the Snow Bowl and events.

7001-3013 **Software Support/Licensing**
License and support for Snow Bowl point-of-sale software.

7001-3102 **Credit Card Fees**
Monthly credit card fees for Snow Bowl business.

7001-3235 **Computer/office Equip Maint**
Monthly fees for cleaning and occasional tech support, hardware purchases and R & M.

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

Dept/Div: 70-05 Lodge, Maintenance Shop

	Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Dept. Head	FY 21 Town Manager	FY 21 Select Board
7005-0101	Full-Time Wages	11,500	7,035	13,200	7,400	14,300	15,026	15,600	15,600	
7015-0105	Part-Time Wages	-	2,741	-	3,345	2,500	2,756	2,500	2,500	
7005-0501	FICA/Medicare	880	736	1,010	705	1,300	1,341	1,400	1,400	
7005-0505	Retirement	1,100	513	1,400	1,467	1,500	1,441	1,600	1,600	
7005-0510	Health Insurance	5,200	3,634	5,400	5,388	5,700	5,560	5,900	5,900	
7005-1006	Cleaning & Building Supplies	4,500	1,358	4,500	4,502	4,500	1,630	4,500	4,500	
7005-1501	Electricity	5,500	6,627	5,500	4,619	5,500	6,411	5,500	5,500	
7005-1505	Heat	5,500	6,409	5,500	8,208	5,500	7,877	5,000	5,000	
7005-1525	Kitchen Propane	1,000	1,482	1,000	1,699	1,000	1,402	1,000	1,000	
7005-2020	Equipment Maintenance	800	4	1,000	1,032	3,500	1,261	3,500	3,500	
7005-2030	Building Maintenance	6,000	6,867	6,500	13,575	8,000	7,841	6,000	6,000	
7005-2032	Building Improvements	1,000	1,192	1,000	2,000	2,000	1,018	2,000	2,000	
7005-2070	Parking Lot Maintenance	1,500	866	1,000	1,376	1,000	11	1,000	1,000	
7005-3014	Contracted Cleaning	500	-	500		500	-	500	500	
7005-3032	Trash Removal	2,500	2,637	2,500	1,873	2,000	1,939	2,000	2,000	
7005-3035	Security Services	250	246	250	713	250	123	250	250	
		47,730	**42,347**	**50,260**	**57,902**	**59,050**	**55,637**	**58,250**	**58,250**	**-**
								-1.35%	-1.35%	-100.00%
								Change over FY 20		

7005-0110 **Full-Time Wages**
Employee that cleans and maintains facility - approx 21 weeks of one FT person.

7005-0501 **FICA/Medicare**
7.65% Employer share of FICA/Medicare.

7005-0506 **Retirement**
Retirement plans offered are either enrollment in an ICMA Deferred Compensation Plan or enrollment in the Maine Public Employees' Retirement System. Employees enrolled in ICMA receive up to a 5% match from the Town. The Town's share of MPERS for employees enrolled in the retirement plan is 10.1%.

7005-0510 **Health Insurance**
See note under Administration

7005-1006 **Cleaning & Building Supplies**
Paper goods, light bulbs, cleaning supplies, small hardware items, cleaning equipment repair, misc. paint and maintenance supplies, etc. Includes shop supplies.

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

7005-1501 **Electricity**
Electricity for lodge & maintenance buildings

7005-1505 **Heat**
Heating fuel for the lodge, modular buildings and maintenance shop

7005-1525 **Kitchen Propane**
Kitchen propane - paid by winter food vendor

7005-2020 **Equipment Maintenance**
General minor repairs & maintenance to buildings' equipment and new septic pump

7005-2030 **Building Maintenance**
Miscellaneous building maintenance. Replace carpet on main floor and stairs

7005-2032 **Building Improvements**
General building improvement projects, furnishings or equipment

7005-2070 **Parking lot Maintenance**
Parking lot material and driveway repair

7005-3014 **Contracted cleaning**
Annual professional carpet cleaning, lodge window cleaning

7005-3032 **Trash Removal**
Contracted trash removal

7005-3035 **Security Services**
Monitoring of security system.

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

Dept/Div: 70-15 Alpine

	Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Dept. Head	FY 21 Town Manager	FY 21 Select Board
7015-0101	Full-Time Wages	88,500	102,388	82,000	86,463	85,600	89,672	93,000	93,000	
7015-0105	Part-Time Wages	12,500	2,800	12,500	7,386	12,000	3,693	12,000	12,000	
7015-0140	Ski School Wages	42,000	40,299	42,000	43,516	40,000	47,597	40,000	40,000	
7015-0141	Ski Patrol Wages	15,000	16,114	15,000	15,705	16,000	14,965	16,000	16,000	
7015-0142	Ski Race Wages	12,000	10,452	12,000	8,593	10,000	8,368	10,000	10,000	
7015-0143	Ticket Sales Wages	11,000	10,896	11,000	14,569	13,000	14,526	13,000	13,000	
7015-0144	Terrain Park Wages	7,200	5,144	17,200	17,347	17,200	16,450	17,200	17,200	
7015-0145	Groomer Wages	12,000	13,603	12,000	18,647	15,000	11,971	15,000	15,000	
7015-0146	Lift Operators Wages	34,000	31,973	34,000	38,678	33,000	40,810	33,000	33,000	
7015-0147	Snowmaking Wages	18,000	23,122	20,000	26,582	26,000	23,967	26,000	26,000	
7015-0148	Toboggan Chute Wages	5,000	3,392	5,000	8,590	5,000	7,932	5,000	5,000	
7015-0501	FICA/Medicare	22,200	19,192	20,100	20,788	21,000	20,539	21,600	21,600	
7015-0505	ICMA/MPERS	8,500	8,940	8,300	8,531	8,700	9,250	9,500	9,500	
7015-0510	Medical Insurance	41,400	50,656	25,000	18,680	20,600	23,317	21,400	21,400	
7015-1001	Office Supplies	500	55	500	507	500	178	500	500	
7015-1007	Ticket Supplies	4,500	3,507	4,500	2,622	2,500	1,269	4,000	4,000	
7015-1013	Safety Equipment/Supplies	1,500	1,590	1,500	2,092	1,500	1,472	1,500	1,500	
7015-1014	Gasoline/Diesel/Oil	11,000	15,949	11,000	18,834	12,000	11,418	12,000	12,000	
7015-1015	Shop Supplies	250	745	500	1,102	500	92	500	500	
7015-1071	Ski Race Supplies	10,000	11,132	10,000	8,558	10,000	7,081	10,000	10,000	
7015-1072	Ski Patrol Supplies	2,000	882	2,000	2,870	2,800	1,423	3,000	3,000	
7015-1073	Ski School Supplies	1,500	1,002	1,500	1,728	1,500	1,580	2,000	2,000	
7015-1202	Professional Development	2,000	-	2,500	2,788	3,500	2,666	500	500	
7015-1501	Electricity	15,000	8,937	15,000	15,774	15,000	5,724	15,000	15,000	
7015-1504	Snowmaking Electricity	81,000	79,695	81,000	103,949	80,000	117,198	80,000	80,000	
7015-1525	LP Gas/Propane	500	913	500	-	500	106	500	500	
7015-2005	Vehicles Repair & Maintenance	12,000	9,182	12,000	23,812	45,000	48,025	10,000	10,000	
7015-2071	Lift Repair & Maintenance	17,000	22,719	17,000	16,155	31,500	37,843	25,000	25,000	
7015-2072	Equipment Repair & Maintenanc	300	29	300	540	500	341	1,000	1,000	
7015-2073	Snowmaking Equip Repair/Maint	10,000	12,840	10,000	16,996	11,000	8,254	12,000	12,000	
7015-2074	Trail Maintenance Supplies	3,500	5,108	13,500	6,126	7,000	16,824	3,000	3,000	
7015-2075	Mountain Building Supplies	500	769	1,000	2,503	1,000	1,326	1,500	1,500	
7015-2076	Terrain Park Supplies	1,000	424	1,000	1,036	1,000	2,414	1,000	1,000	
7015-3123	Contingency	-	-	20,000	-	10,000	-	-	-	
7015-3287	Snowmaking Equipment Lease	22,500	28,350	23,500	24,725	24,500	25,950	25,000	25,000	
7015-3435	Merchandise (for re-sale)	3,000	395	3,000	894	5,000	7,131	6,500	6,500	
7015-3294	Management fee	-	-	-	-	-		-	-	
		528,850	**543,194**	**547,900**	**587,686**	**589,900**	**631,372**	**547,200**	**547,200**	**-**
								-7.24%	-7.24%	-100.00%
									Change over FY 20	

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

7015-0101 **Full-Time Wages**
Full-time salaries for mountain manager and 4 full-time maintenance staff for 22 weeks.

7015-0105 **Part-Time Wages**
One seasonal part-time Administrative Assistant responsible for group sales, lodging partnerships and ski reports.
Includes other seasonal help such as mechanic as needed.

7015-0140 thru 7015-0148 **Seasonal Wages** for Ski School, Ski Patrol, Ticket Sales, Terrain Park, Groomer, Lift Operators, Snowmaking, and Toboggan Chute employees.

7015-0501 **FICA/Medicare**
7.65% Employer share of FICA/Medicare.

7015-0506 **Retirement**
Retirement plans offered are either enrollment in an ICMA Deferred Compensation Plan or enrollment in the Maine Public Employees' Retirement System. Employees enrolled in ICMA receive up to a 5% match from the Town. The Town's share of MPERS for employees enrolled in the retirement plan is 10.1%.

7015-0510 **Health Insurance**
See note under Administration

7015-1001 **Office Supplies**
General office and computer supplies.

7015-1007 **Ticket Supplies**
Order tickets supplies every other year

7015-1013 **Safety Equipment/Supplies**
Mountain safety supplies, PPE

7015-1014 **Gasoline/Diesel/Oil**
Mountain equipment fuel

7015-1015 **Shop Supplies**
Paper towels, etc

7015-1071 **Ski Race Supplies**
Race supplies and safety equipment that is reimbursed by the ski club

7015-1072 **Ski Patrol Supplies**
First aid supplies and uniforms, etc

7015-1073 **Ski School Supplies**
School Cetificates and raffle tickets

7015-1202 **Professional Development**
Training, meals reimbursement for personnel attending training to include lift maintenance, wilderness, first aid training, etc.

7015-1501 **Electricity**
On the mountian electricity

7015-1504 **Snowmaking Electricity**
Snowmaking Electricity

7015-1525 **LP Gas/Propane**
On mountain buildings

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

7015-2005 **Vehicles Repair & Maintenance**
Repairing and maintaining snow bowl vehicles.

7015-2071 **Lift Repair & Maintenance**
General repair & maintenance

7015-2072 **Equipment Repair & Maintenance**
Various small equipment repairs and maintenance

7015-2073 **Snowmaking system Repairs and Maintenance**
Parts and supplies for in-house personnel to maintain snowmaking system.

7015-2074 **Trail Maintenance Supplies**
Trail signage, rope, bamboo, warning disc, yellow marking material, 4-season trail improvememts and maintenance

7015-2075 **Mountain Building Supplies**

7015-2076 **Terrain Park Supplies**
Shovels, rakes, etc

7015-3108 **Gift Card Reimbursement**
No longer necessary.

7015-3123 **Contingency**
Unanticipated expenses

7015-3287 **Snowmaking Equipment Lease (2)**
Lease payments for 3 compressors ($3,600 per compressor + $350 shipping each way) for December and January, send all back in February.

7015-3294 **Management Fee (Ragged Mtn. Spts)**
Camden Snow Bowl will run the rental shop inhouse

7015-3408 **Ski Equipment**
Replacement of rental gear moved to Rental shop

7015-3435 **Merchandise**
Snow Bowl branded merchandise for resale

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

Dept/Div: 70-20 Rental Shop

	Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Dept. Head	FY 21 Town Manager	FY 21 Select Board
7020-0105	Part-Time Employees	18,700	17,720	19,000	22,689	21,000	23,026	24,000	24,000	
7020-0501	FICA/Medicare	1,400	1,356	1,500	1,719	1,600	1,762	1,900	1,900	
7020-1270	Rental Shop Supplies	500	727	750	412	1,000	677	1,000	1,000	
7020-2020	Equipment Maintenance	1,200	705	12,000	12,650	12,000	12,000	12,000	12,000	
7020-3530	SB Rental Shop Equipment	10,000	8,599	10,000	11,047	10,000	11,602	10,000	10,000	
		31,800	**29,107**	**43,250**	**48,517**	**45,600**	**49,067**	**48,900**	**48,900**	**-**
								7.24%	7.24%	-100.00%
									Change over FY 20	

7020-0155 **Part-Time Wages**
Three seasonal employees.

1

7020-0501 **FICA/Medicare**
7.65% of paid wages.

7020-1270 **Rental Shop Supplies**
Rental forms, tools, cleaning supplies, etc

7020-2020 **Equipment Maintenance**
Maintenance/tuning of rental shop equipment, includes payment to Ragged Mountain sports for service

7020-3530 **SB Rental Shop Equipment**
Replacement of rental equipment. Supplemented by ski club for kids gear

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

Dept/Div: 70-30 Toboggan Nationals

	Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Dept. Head	FY 21 Town Manager	FY 21 Select Board
7030-0105	Part-time Wages	4,000	3,841	4,500	4,267	4,500	4,743	5,000	5,000	
7030-0501	FICA/Medicare	307	294	350	325	350	363	400	400	
7030-1015	General Supplies	1,500	1,819	3,000	2,150	2,000	1,067	2,000	2,000	
7030-1215	Marketing Services	7,000	8,198	7,000	4,008	5,000	3,281	5,000	5,000	
7030-1240	Merchandise	2,500	2,828	2,500	2,726	2,800	4,823	3,000	3,000	
7030-1241	Equipment Rental	7,500	7,395	7,500	12,730	9,500	12,246	10,000	10,000	
7030-1242	Winterfest	-	4,754	-	-	-		-	-	
7030-2078	Toboggan Chute Repairs	-	-	-	-	3,000	9,908	1,000	1,000	
7030-1243	Parking	4,000	-	4,000	6,500	5,000	5,900	5,900	5,900	
		26,807	**29,129**	**28,850**	**32,706**	**32,150**	**42,331**	**32,300**	**32,300**	**-**
								0.47%	0.47%	-100.00%
									Change over FY 20	

7030-0105 **Part-Time Wages**
Seasonal employees who set up, run the event, and clean up after the event.

7030-0501 **FICA/Medicare**
7.65% Employer share of FICA/Medicare.

7030-1015 **General Supplies**
Event specific supplies.

7030-1215 **Marketing Services**
Includes brochures, event program, website, and Facebook advertising.

7030-1240 **Merchandise**
Event merchandise for resale.

7030-1241 **Equipment Rental**
Sound system, portable toilets, electrician, trash removal, etc.

7030-1243 **Parking**
Donation to West Bay Rotary for managing the parking during the event.

7030-2078 **Toboggan Chute Repairs**
Ongoing maintenance for chute.

Town of Camden, Maine
Camden Snow Bowl
FY 21 Budget

Dept/Div: 70-35 Capital Improvements/Debt

	Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Dept. Head	FY 21 Town Manager	FY 21 Select Board
7035-3620	2010 Pisten Bully Groomer Deb	18,939	18,939	18,939	18,939	18,939	18,939	18,939	18,939	
7035-3626	Compressor Debt	8,074	8,074	8,000	7,991	7,903	7,902	7,808	7,808	
7035-NEW	Pisten Bully Groomer Purchase	-	-	-	-	-	-	422,050	422,050	
7035-3627	Snow Guns Upgrade Debt	20,000	20,000	21,418	21,418	-	-	-	-	
	2019 Pisten Bully Groomer Deb	-	-	-	-	-		57,300	57,300	
		47,013	**47,013**	**48,357**	**48,348**	**26,842**	**26,841**	**506,097**	**506,097**	**-**
								1785.47%	1785.47%	-100.00%
								Change over FY 20		

7035-3620 **Piston Bully Groomer Debt**
2010 Pisten Bully 400 Park Pro Snow Groomer purchased in November 2016 at a cost of $166,950.
Purchase was funded with a 10 year capital lease with Androscoggin Bank @2.92%.
Trading in Pisten Bully 600 and Pisten Bully 200 for a used Pisten Bully 600 with winch and renavator - $250,000

7035-3626 **Compressor Debt**
Purchase of a used compressor was part of the $500,000 Bond article approved in June 2016.
Estimated cost was $70,000; actual purchase was $57,000. Debt payments are currently broken down based on the pro-rated share of the total $500,000 bond. Once all bond projects are completed the proration will be adjusted to reflect actual expenses.

7035-NEW **Pisten Bully Groomer Purchase**
Purchase of 2019 Pisten Bully snow groomer. Transaction includes trade-in of 2 groomers.

7035-NEW **Pisten Bully Groomer Debt**
Lease purchase annual payment financed over 8 years.

Town of Camden

Wastewater Department

2020-2021

Draft Budget

2020-2021
Draft Wastewater Budget

Dept/Div: 60-01 Wastewater Administration

		Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Proposed
6001-	0101	Full-Time Wages	331,200	317,777	329,000	323,096	338,000	318,348	374,000
6001-	0105	Part-Time Wages	5,600	3,480	11,200	5,880	8,000	-	8,000
6001-	0110	Overtime Wages	500	355	500	822	2,500	892	2,500
6001-	0139	Sewer Commissioners	2,500	2,500	2,500	2,500	2,500	2,500	2,500
6001-	0501	FICA/Medicare	26,000	24,527	26,500	25,246	27,000	24,096	29,600
6001-	0505	ICMA/MPERS	28,900	24,984	33,000	26,871	34,000	26,751	38,000
6001-	0510	Health Insurance	121,700	116,508	125,000	121,571	127,000	126,931	131,000
6001-	1001	Office Supplies	800	411	800	478	800	846	900
6001-	1003	Postage	100	-	100	35	100	13	100
6001-	1004	Advertisements/Public Notices	150	702	500	96	500	1,211	1,200
6001-	1005	Dues & Publications	2,000	1,772	2,000	2,686	2,000	2,320	2,500
6001-	1013	Safety Equipment	3,000	2,623	2,000	1,808	2,000	1,853	4,000
6001-	1014	Gasoline/Diesel/Oil	2,500	2,941	2,500	3,225	3,000	3,618	3,000
6001-	1201	Auto Mileage Reimbursement	300	193	300	438	500	146	500
6001-	1202	Professional Development	4,000	1,726	3,000	1,627	4,000	2,250	3,500
6001-	1205	Uniforms/Clothing Allowance	1,750	1,500	1,750	1,500	1,800	2,050	2,100
6001-	1520	Communications	4,000	3,481	4,500	4,918	4,500	5,107	5,000
6001-	2005	Vehicles Repairs & Maintenance	4,000	2,472	3,500	2,669	3,500	2,255	3,000
6001-	2501	General Liability Insurance	2,000	1,855	2,000	1,152	2,000	1,184	2,000
6001-	2502	Auto/Mobile Equip Insurance	3,300	3,630	3,700	3,192	3,700	1,334	3,700
6001-	2503	Property Insurance	3,800	3,599	3,800	14,053	11,250	5,625	11,000
6001-	2504	Bond	250	-	250	-	250	-	250
6001-	2506	Public Officials Liability	850	-	850	513	850	578	1,500
6001-	2509	Unemployment	1,000	697	1,000	1,277	1,000	1,651	1,300
6001-	2510	Workers' Compensation	9,000	14,312	10,500	14,135	14,500	12,425	14,500
6001-	3001	Legal Fees	500	-	500	551	500	2,801	4,000
6001-	3007	Eng & Professional Services	5,000	2,302	5,000	1,000	5,000	-	5,000
6001-	3021	Drug Testing, Fitness Eval.	230	-	230	-	230	-	230
6001-	3025	Audit	2,100	-	2,100	2,100	2,100	2,100	2,100
6001-	3028	GIS Updates	3,000	467	3,000	2,695	3,000	2,795	3,000
6001-	3041	Information Technology	4,000	4,794	4,000	4,510	4,000	6,109	9,000
6001-	3063	Billing Service-Maine Water	32,000	30,970	33,000	31,852	33,000	31,104	34,000
			606,030	**570,578**	**618,580**	**602,496**	**643,080**	**588,893**	**702,980**
									9.31%
									% Change

6001-0101 **Full-Time Wages**
Full-Time Wages for Superintendent, Assistant Superintendent, and a Civil Engineer, as well as three full-time employees.

6001-0105 **Part-Time Wages**
16 week Seasonal temporary utility worker to run jetter/collection system maint.

6001-0110 **Overtime Wages**
Overtime for weekend call-ins

6001-0139 **Sewer Commissioners**
The Select Board act as the Wastewater Sewer Commissioners and each receives an annual $500 stipend.

6001-0501 **FICA/Medicare**
7.65% Employer share of FICA/Medicare

6001-0505 **ICMA/MPERS**
The employer matches up to 5% for employes enrolled in ICMA.
The employer pays 10.1% for employees enrolled in the Maine Public Employees Retirement System.

6001-0510 **Health Insurance**
Health insurance coverage per Town Personnel Policy

6001- 1001 **Office Supplies**
Paper, toner, etc. Essential office and computer supplies

6001- 1003 **Postage**

6001- 1004 **Advertisements/Public Notices**

6001- 1005 **Dues & Publications**
Professional memberships & publications relevent to the wastewater treatment field.

6001- 1013 **Safety Equipment**
Gear required to be used when working with chemicals or hazards associated with the work being done.
Gloves, eyewash, goggles, steel toe work boots Etc.

6001- 1014 **Gasoline, Diesel, Oil**
Lubricants for all vehicles and equipment.

6001- 1201 **Auto Mileage Reimbursement**
Mileage for employees to attend training sessions. Reimbursement based on rate established by IRS.

6001- 1202 **Professional Development**
Training for operator certification

6001- 1520 **Communications**
Funding for telephones, pagers and cell phone stipends

6001- 2005 **Vehicles Repairs & Maintenance**
Covers the cost of routine maintenance and replacement parts for all Wastewater Dept. vehicles.

6001- 2509 **Unemployment**
Required unemployment coverage

6001- 2510 **Workers' Compensation**
Wastewater Dept. share of workers' compensation premium

6001- 3001 **Legal Fees**

6001- 3021 **Drug Testing, Fitness Eval.**

6001- 3025 **Audit**
Wastewater Dept. share of annual audit services

6001- 3007 **Eng & Professional Services**

6001- 3063 **Billing Service-Maine Water**
The Maine Water Company is contracted to provide billing services for customers of the system.

6001- 3028 **GIS Updates**
Covers the cost of maintaining the Wastewater data in the Town's GIS data base.

6001- 3041 **Information Technology**
Licensing, support and service of computer and computer-related systems.

2020-2021
Draft Wastewater Budget

Dept/Div: 60-05 Sewer Plant and Collections - Operatons & Maintenance

		Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Proposed
6005-	1006	Cleaning & Building Supplies	1,100	861	1,800	2,211	1,800	1,451	1,500
6005-	1061	Chemicals	24,000	18,455	24,000	25,987	24,000	29,581	30,000
6005-	1501	Electricity	45,000	42,278	45,000	34,785	45,000	40,438	45,000
6005-	1505	Heating Fuel	6,500	4,080	6,500	5,968	6,500	4,507	6,500
6005-	1510	Water/Sewer	2,000	1,408	2,000	1,595	2,000	1,630	1,600
6005-	2061	Collection System Maint.	45,000	17,369	45,000	39,652	40,000	47,588	40,000
6005-	2062	Plant Repairs & Maint.	40,000	46,812	40,000	34,751	40,000	38,931	40,000
6005-	3029	Laboratory Services	8,000	6,871	8,000	4,869	8,000	6,399	8,000
6005-	3030	Mowing	5,000	5,000	5,000	5,000	5,000	5,000	5,000
6005-	3062	Sludge Removal	80,000	92,968	80,000	85,549	90,000	103,769	95,000
6005-	3160	Inspections, Discharge Fees	3,000	2,344	3,000	7,757	3,000	1,501	4,000
			259,600	**238,446**	**260,300**	**248,124**	**265,300**	**280,795**	**276,600**
									4.26%
									% Change

6005- 1006 **Cleaning & Building Supplies**

6005- 1061 **Chemicals**
This covers the cost of approximatly 5000 gal. of Sodium Hypochlorite (chlorine) for effluent disinfection, 450 gal. Sodium Bisulfite to remove chlorine before discharging effluent to harbor and 450 gal. of Cationic Polymer used in the process of sludge dewatering on the belt press.

6005- 1501 **Electricity**

6005- 1505 **Heating Fuel**
Heat for control building and shopt at Wastewater treatment plant

6005- 1510 **Water/Sewer**
General plant water, and water used in the truck mounted sewer flushing machine

6005- 2061 **Collection System Maintenance**
To pay for minor repairs to the wastewater collection system. A typical project would be repairing manholes and adjusting manhole frames in conjunction with road rebuilding and resurfacing projects. We will replace the Cobb Hill Road drainage ditch culver this year (See Capital Improvements $37,500)

6005- 2062 **Plant Repairs & Maint.**

6005- 3029 **Laboratory Services**
Our discharge license, issued by the DEP, requires that we perform tests to confirm our compliance.
We are also required to test the sludge that we send to be composted per our agreement with Casella Organics.

6005- 3030 **Mowing**
Lawn maintenance at the treatment plant performed by the Parks & Recreation department

6005- 3062 **Sludge Removal**
To cover the cost of sludge disposal. Our waste activated sludge is trucked to Unity where it is composted

6005- 3160 **Inspections, Discharge Fees**
Covers Maine DEP Wastewater Discharge License Fee

2020-2021
Draft Wastewater Budget

Dept/Div: 60-15 Pump Station Operations & Maintenance

		Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Proposed
6015-	1501	Electricity	45,000	42,047	45,000	64,421	45,000	39,945	45,000
6015-	1510	Water/Sewer	1,800	1,297	1,800	1,434	1,800	1,059	1,800
6015-	2017	Pump Station Maintenance	15,000	15,073	30,000	19,450	20,000	5,770	20,000
6015-	3032	Trash Removal	500	5	500	-	500	-	250
6015-	3035	Security Services	3,500	2,916	3,500	2,187	3,500	2,925	3,500
			65,800	**61,338**	**80,800**	**87,492**	**70,800**	**49,699**	**70,550**
									-0.35%
									% Change

6015- 1501 **Electricity**
Monthly electricity costs for seven Pump Stations.

6015- 1510 **Water/Sewer**
Water used for general clean up at Rawson Ave. and Public Landing pump stations, also used to administer Sodium Bisulfite for seasonal effluent dechlorination at Public Landing pump station.

6015- 2017 **Pump Station Maintenance**
For general minor pump station repairs and replacement parts.

6015- 3035 **Security Services**
Covers the cost for monitoring the alarm systems at the treatment plant and the seven pump stations.

2020-2021
Draft Wastewater Budget

Dept/Div: 60-20 Capital Reserves

	Account	FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Proposed
Capital Reserves								
6020-6262	Treatment Plant/WW Equip	20,000	20,000	20,000	20,000	-	-	20,000
6020-6363	I & I Reserve	20,000	20,000	20,000	20,000	-	-	-
6020-6364	Collection System Reserve	40,000	40,000	60,000	60,000	30,000	30,000	60,000
6020-6266	WW Upgrade Interest Pmt Reserv	-	-	-	-	100,000	100,000	200,000
6020-6365	WW Pump Station Reserve	20,000	20,000	20,000	20,000	-	-	20,000
		100,000	**100,000**	**120,000**	**120,000**	**130,000**	**130,000**	**300,000**
								130.77%
								% Change

6020-6262 Treatment Plant/WW Equip: For upgrading equipment primarily at the treatment plant

6020-6363 I & I Reserve: To be used for future maintenance of the collection system to eliminate sources of inflow & infiltration

6020-6364 Collection System Reserve: Minor sewer collection system replacement, repair and extension projects

6020-6365 WW Pump Station Reserve: For equip. repair and upgrade projects beyond the scope of the routine maintenance budget

6020-6266 WW Upgrade Interest Pmt. Reserve: Interest payments on BAN for WW Plant Upgrade

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Dept/Div: 60-25 Capital Improvements

Account			FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Proposed
Capital Outlay									**See CIP Plan**
6025	NEW	Pickup Truck	-	-	-	-	-	-	35,000
6025	NEW	Mechanic Street Pipe Liner	-	-	-		-	-	60,000
6025-3631		Computers	-	-	3,500	956	-	-	1,500
6025-3651		Pump Station Upgrades	69,000	77,471	-		-	-	-
6025-3652		Inflow & Infiltration Study	-	-	10,000	-	-	894	-
6025-3683		Limerock/Mechanic St. Manholes	-	-	97,000	65,886	-	26,468	-
6025-3684		Main & Grove Street Pipe/Line Re	35,000	33,655	-		-	-	-
6025-3685		Pearl St. Pipe/Manholes (Park to J	-	-	-		140,000	-	-
6025-3686		Cobb Hill Rd. Culvert Replacement	-	-	-		37,500	4,538	89,500
			127,000	**111,126**	**110,500**	**66,842**	**177,500**	**31,900**	**186,000**
									4.79%
									% Change

Dept/Div: 60-NEW Debt Service

Account			FY 18 Budget	FY 18 Actuals	FY 19 Budget	FY 19 Actuals	FY 20 Budget	FY 20 Actuals	FY 21 Proposed
Debt Service									
NEW		Excavator Loan Payment	-	-	-	-	-	-	5,000
			-	-	-	-	-		**5,000**
									#DIV/0!
									% Change

TOTAL WASTEWATER EXPENSE			**1,158,430**	**1,081,488**	**1,190,180**	**1,124,954**	**1,286,680**	**1,081,287**	**1,541,130**
									19.78%
									% Change

Proposed WW Reserve Projects

Shirttail Pt. Manhole Replacement	25,000	-
Norwood Ave.	60,000	-
Sand St.	70,000	-
Washington St. Pipe Lining	23,000	-
State Roads Collection System Cleaning/Inspect	-	62,000

Reserve Balances as of 3/1/2020		*Current Balance*	*FY 21 Proposed Use*	*FY 21 Proposed Addition*	*Projected FY 21 Year End*
6156-6161	WW Admin Accrued Benefits	19,012			19,012
6156-6262	Treatment Plant/WW Equipment	180,750		20,000	200,750
6156-6363	Collection System-I&I Reserve	193,152			193,152
6156-6364	Collection System Reserve	328,350	62,000	60,000	326,350
6156-6465	Pump Station Reserve	155,268		20,000	175,268
6156-6266	Plant System Upgrade Reserve	100,000		200,000	300,000

2020-2021
Draft Wastewater Budget

WASTEWATER DEPARTMENT OPERATIONS

Wastewater User Rate:

FY 20 (Current):	6.23
FY 21 (Recommended):	7.46

Wastewater I & I Fee: Before any building located in a development, and requiring subdivision approval or site plan review is connected to the public sewer, the owner must pay an I & I abatement fee based on the Construction Cost Index found in the Engineering News-Record (Dec. 2018).

FY 20 Rate:	3.39
FY 21 Rate:	3.45

Approved by Board of Wastewater Commissioners

FY 20 to FY 21 Carry Forwards

Department/Account	Code	Amount	Comments
General Government		**109,623.00**	
Professional Services			
Engineering	0102-3007	72,331.00	Misc. Engineering Costs for FY 21
Planning & Development			
Records Preservation	0103-1208	9,302.00	
Marketing	0103-1215	27,990.00	Ongoing website redesign costs
Public Safety		**8,774.00**	
Fire Department			
Professional Development	0504-1202	4,316.00	Ongoing EMS/CEO training
Public Safety Building			
Building Maintenance	0505-2030	4,458.00	Ongoing HVAC repairs
Public Services		**316,269.00**	
Public Works			
Building Maintenance/Repairs	1001-2030	1,617.00	Roof and garage door repairs
Street Maintenance	1002-2040	38,385.00	Road repairs, trash cans & gravel inventory
Sidewalks	1002-2041	43,399.00	Unfinished sidewalk repairs & pave arounds
Storm Sewer Drains	1002-2042	18,856.00	Unfinished storm drain repairs & catch basin cleaning
Rental Equipment	1002-2049	6,450.00	To be used towards new excavator
Street Paving	1002-3023	191,792.00	Unfinished road projects & road repairs
Tree Program			
Tree Maintenance	1005-3033	15,770.00	Ongoing brown tail moth mitigation
Culture & Recreation		**42,129.00**	
Recreation			
Lodge Maintenance	2004-2030	1,200.00	
Parks			
Signs	2005-1010	4,600.00	Incomplete projects to be finished in FY 21
Building Maintenance	2005-2030	6,500.00	Incomplete projects to be finished in FY 21
Public Landing Bldg Maint.	2005-2047	2,000.00	Incomplete projects to be finished in FY 21
Dams			
Repairs/Maint.-Megunticook Dams	2008-2050	7,614.00	Ongoing maintenance to dams
Repairs/Maint.-Montgomery Dam	2008-2051	18,519.00	Ongoing maintenance to dams
Repairs/Maint.-Seabright Dam	2008-2053	1,696.00	Ongoing maintenance to dams
Debt/Capital/Contingency		**1,501,914.00**	
Capital Improvements			
Opera House Building Repairs	3004-4007	120,000.00	
Assessment Review	3004-4010	8,000.00	
Public Safety Building HVAC Repairs	3004-4113	30,000.00	
Sewer Line Replacement (Bakery Bridge)	3004-4201	5,917.00	
Dam Repairs (Montgomery & Seabright)	3004-4204	9,180.00	
Mechanic St. Parking Lot	3004-4212	183,079.00	
Streetlights Conversion	3004-4217	41,650.00	
Pearl Street Project	3004-4218	338,341.00	
Route 1 Sidewalk Project	3004-4254	66,905.00	
Storm Drains-Sand St/Norwood Ave	3004-4264	119,260.00	
Fuel Depot Pump Replacement	3004-4267	21,000.00	
West Dam Repairs	3004-4271	269,596.00	
RMRA Access Road/Culvert Replacement	3004-4424	50,693.00	
Downtown Pedestrian Project	3004-4429	107,924.00	
Seawall Restoration	3004-4433	42,090.00	
Contingency			
Contingency	3010-1299	88,279.00	
Total General Fund Carry Forward to FY 2021		**1,978,709.00**	

FY 20 to FY 21 Carry Forwards

Wastewater			
Sewer Plant O&M			
Collection System Maintenance	6005-2061	25,391.00	
Pump Station Repairs and Maintenance	6015-2017	24,779.00	
Capital Improvements			
I&I Study	6025-3652	9,106.00	
Limerock/Mechanic St. Manholes	6025-3683	4,646.00	
Pearl Street Manholes	6025-3685	140,000.00	
Cobb Hill Culverts	6025-3686	32,961.00	
Reserve Accounts			
Accrued Benefits Reserve	6156-6161	19,012.00	
Treatment Plant/WW Equipment Reserve	6156-6262	180,750.00	
Treatment Plant Upgrade Reserve	6156-6266	100,000.00	
Inflow & Infiltration Study Reserve	6156-6363	193,152.00	
Collection System Reserve	6156-6364	328,350.00	
Pump Station Reserve	6156-6465	155,268.00	
Total Wastewater Carry Forward to FY 2021		**1,213,415.00**	

7.2 One-way streets and alleys
Upon those streets and parts of streets and in those alleys described in schedule I attached hereto and made a part hereof, vehicular traffic shall move only in the indicated direction when signs indicating the direction of traffic are erected and maintained at every intersection where movement in the opposite direction is prohibited.

SCHEDULE 1
ONE-WAY STREETS

In accordance with section 7.2 and when properly signposted, traffic shall move only in this direction indicated upon the following streets:

Atlantic Avenue	In an easterly direction from the intersection of Main Street to the intersection of Sea Street.
Chestnut Street	In a southerly direction from Route l (Elm Street) to the intersection of Wood Street.
Knowlton Street	In a southerly direction from the intersection Of Washington Street and Knowlton street to the intersection of Knowlton Street and Lion's Lane.
Pleasant Street	In a westerly direction from Wood Street to School Street.
Tannery Lane	In an easterly direction 150 feet from Main Street to said Main Street with a right turn only at exit.
Washington Street	In a northerly direction from the intersection of Elm Street to the inter section of Mechanic Street.
Wood Street	In a westerly direction from the intersection Of Chestnut Street to Pleasant Street.
Wilson Street	In an easterly direction from the intersection Of Chestnut Street to Bayview Street.

7.3 Authority to restrict direction of movement on streets during certain periods

(a) The Police Chief is hereby authorized to determine and designate streets, parts of streets or specific lanes thereon upon which vehicular traffic shall proceed in one direction during one period and the opposite direction during another period of the

day and shall place and maintain appropriate markings, signs, barriers or other devices to give notice thereof. The Police Chief may erect signs temporarily designating lanes to be used by traffic moving in a particular direction, regardless of the center line of the roadway.

(b) It shall be unlawful for any person to operate any vehicle in violation of such markings, signs, barriers or other devices so placed in accordance with this section.

7.4 Penalty
Any person who shall violate any of the provisions of any section of Part Four, Section 7 of the Traffic Code except for those sections where specific penalty is therein provided, shall be guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not less than $5.00 and not more than $100.00.

State Law Reference: 30-A MRSA, Sec. 3009; 29 MRSA, Sec. 993

Section 8 Stop And Yield Intersections, Etc.

8.1 Through streets designated
Those streets and parts of streets described in schedule 2 attached hereto and made a part hereof are hereby declared to be through streets for the purpose of this section. Designation as a through street does not preclude the placement of traffic control signs and/or devices on through highways or streets.

SCHEDULE 2

In accordance with the provisions of Section 8.1 and when signs are erected giving notice thereof drivers of vehicles shall stop at every intersection before entering any of the following streets or parts of streets.

Atlantic Highway

Bay View Street from Route l at Main Street to Chestnut Street near the Cemetery.

Chestnut Street from Route l at Elm Street to the Rockport town line.

Elm Street from Route l at School Street to the Rockport town line.

Mechanic Street from Washington Street to the Hope town line, via Hosmer Pond Road.

Mountain Street Route 52, from Route l at High Street to the Lincolnville town line.

Old Route #1 over Union, Elm, Main and High Streets, from the Rockport town line to the Lincolnville town line.

Washington Street from Route l at Elm Street to the Hope town line.

8.2 Signs required at through streets
Whenever any ordinance of this town designates and describes a through street it shall be the duty of the Town Manager to place and maintain a stop sign, or on the basis of an engineering and traffic investigation at any intersection a yield sign, on each and every street intersecting such through street unless traffic at any such intersection is controlled at all times by traffic-control devices, provided, however, that at the intersection of two such through streets or at the intersection of a through street and a heavy traffic street not so designated, stop signs shall be erected at the approaches of either of said streets as may be determined by the Town Manager upon the basis of an engineering and traffic study.

8.3 Other intersections where stop or yield required
The Town Manager is hereby authorized to determine and designate intersections where a particular hazard exists upon other than through streets and to determine (a) whether vehicles shall stop at one or more entrances to any such intersection, in which event he shall cause to be erected a stop sign at every such place where a stop is required, or (b) whether vehicles shall yield the right of way to vehicles on a different street at such intersection as prescribed in paragraph (a) of section 8-6, in which event he shall cause to be erected a yield sign at every place where obedience thereto is required.

8.4 Stop signs and yield sign.
(a) The driver of a vehicle approaching a yield sign if required for safety to stop shall stop before entering the crosswalk on the near side of the intersection or, in the event there is no crosswalk, at a clearly marked stop line, but if none, then at the point nearest the intersecting roadway where the driver has a view of approaching traffic on the intersecting roadway.

(b) Except when directed to proceed by a police officer or traffic control device, every driver of a vehicle approaching a stop intersection indicated by a stop sign shall stop before entering the crosswalk on the near side of the intersection or, in the event there is no crosswalk, shall stop at a clearly marked stop line, but if none, then at a point nearest the intersecting roadway where the driver has a view of approaching traffic on the intersecting roadway before entering the intersection.

8.5 Vehicle entering stop intersection
Except when directed to proceed by a police officer of traffic-control signal, every driver or a vehicle approaching a stop intersection indicated by a stop sign shall stop as required by Section 8-4 (b) and after having stopped shall yield the right of way to any vehicle which has entered the intersection from another highway or which is approaching so closely on said highway as to constitute an immediate hazard during the time when such driver is moving across or within the intersection.

8.6 Vehicles entering yield intersection
The driver of a vehicle approaching a yield sign shall in obedience to such sign slow down to a speed reasonable for the existing conditions and shall yield the right of way to any vehicle

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Date	30 July 2020
From	Bryan R. Sladky, P.G.
To	Town of Camden, Maine Jeremy Martin, Planning and Development Director
Copy to	Tim Silar (Silar Services, Inc.)
Subject	July 24, 2020 Regulatory Meeting Summary Apollo Tannery Brownfields Redevelopment Project Town of Camden, Maine
Transmitted via	☐ First class mail ☐ Overnight express ☐ Hand delivery ☐ Other ☒ EMail

The following correspondence presents a summary of the July 24, 2020 regulatory meeting/webinar between the Town of Camden, Ransom Engineers, Silar Services, USEPA, and MEDEP regarding the Apollo Tannery Brownfields Site on Washington Street and Rawson Avenue (the Site). The purpose of the meeting was to present and obtain regulatory feedback and/or approval for a recommended conceptual remediation strategy for the Site that was developed based on an updated evaluation of site data with respect to the applicable Remedial Action Guidelines (RAGs) and requirements under Maine's Voluntary Remedial Action Program (VRAP) as well as the regulatory requirements for the Site under the USEPA Brownfields Grant.

Meeting Attendees

- Town of Camden: Jeremy Martin
- Silar Services, Inc.: Bryan Sladky, P.G
- Ransom Engineers: Stephen Dyer, P.E.
- MEDEP: Troy Smith
  Eric Sroka
- USEPA: Alan Peterson

Information provided to MEDEP and USEPA for use and reference during the meeting is presented in Attachment 1 of this correspondence, and included the following items:

- An updated site plan presenting the defined limits of the two anticipated current and future "use" areas of the property, including the "upland" use area (the area of the property in which

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the Town of Camden anticipates potential future redevelopment) and the "Riverwalk" use area (which is expected to remain used for non-residential recreational purposes in the future).

- Updated analytical tables and figures developed for each "use" area presenting locations where concentrations of contaminants in site media (soil, porewater, and soil vapor) exceed RAGs that are considered to be applicable to current and potential future uses and users of each area of the property.
- A comprehensive exposure assessment presenting the constituents and potentially complete ("retained") human exposure pathways in which a remedial action is required to reduce or eliminate potential human exposures to media exceeding RAGs, and an associated summary of the recommended passive and/or active remedial actions available to address each of the potentially complete exposure pathways.

These materials are presented in Attachment 1 of this correspondence for reference. It is noted that MEDEP and USEPA generally agreed with the exposure assessment but took certain exception to remedial alternatives proposed to address the media exceeding RAGs.

Summary of Media with Constituents Exceeding RAGs, Proposed Remedial Alternatives, and MEDEP/USEPA Comments and Guidance

A summary of the site media where one or more constituents exceed applicable RAGs for current and potential future uses of the upland area and Riverwalk area and the remedial alternative proposed to MEDEP and USEPA for implementation at the Site are presented below, followed by the general MEDEP and USEPA comments and guidance associated with each proposed remedy. A detailed description of the rationale and proposed remedial alternatives is presented on Table 7 in Attachment 1 for reference.

Upland Area (Area Considered for Potential Future Redevelopment)

- Surface Soil (0-2 feet below grade): Surface soils in the upland area exhibits inorganic compounds exceeding RAGs. An "active" remedy consisting of installation of an area-wide cover system was proposed to address possible future residential exposures. A localized cover system was proposed to address potential current and future exposures to park users, commercial workers, and construction workers in combination with restricting future residential use of the upland area.

    - MEDEP/USEPA were favorable to this approach to address surface soil in the upland area of the property.

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- Subsurface Soil (2-15 feet bg): Active remedial actions are not necessary to mitigate potential human exposure to site contaminants in upland subsurface soil (2-15 feet below grade) and therefore were not proposed for upland subsurface soils. The proposed remedial action consists of implementation of institutional controls via an Environmental Covenant (EC) and Environmental Media Management Plan (EMMP).

  - MEDEP and USEPA were favorable to the use of an EC and EMMP to address potential current and future exposures to upland subsurface soils and management of soils and worker exposures during future activities.

- Groundwater: Active remedial actions are not necessary to mitigate potential human exposure to site contaminants in groundwater in the upland area and therefore were not proposed. The proposed remedial action consists of implementation of institutional controls via an Environmental Covenant (EC) and Environmental Media Management Plan (EMMP) that sufficiently mitigates potential exposures and management of groundwater during future activities.

  - MEDEP and USEPA were favorable to the use of an EC and EMMP to address potential current and future exposures to upland groundwater and management of groundwater and worker exposures during future activities.

<u>Riverwalk Area (Land Area Between Upland Area and Megunticook River)</u>

- Surface Soil (0-2 feet below grade): Surface soils in the Riverwalk area exhibit organic and inorganic compounds exceeding RAGs. An "active" remedy consisting of installation of a localized cover system was proposed to address potential current and future exposures to park users, commercial workers, and construction workers in combination with restricting future residential use of the upland area.

  - MEDEP/USEPA were somewhat favorable to this approach to address surface soil in the upland area of the property. However, based on the expected cost to permit and install a cover system within the Megunticook River corridor, there was general concurrence that it was unlikely that the funding available in the Brownfields Grant would be sufficient to support the installation of a cover system in both the upland and Riverwalk areas of the property.

    Some discussion ensued regarding whether MEDEP could potentially approve the installation of an armored embankment to mitigate potential exposures to Riverwalk surface soils in lieu of a cover system. MEDEP did not specifically rule out an armored

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embankment for consideration but was reluctant to support the option due to various concerns such as future erosion and future river restoration activities (i.e. potential dam removals and stream corridor restoration efforts) that were brought to their attention during the discussion.

MEDEP and USEPA generally concluded that the Town of Camden may have to select where to allocate the use of the available Brownfields Grant funds while implementing temporary measures as at other areas until additional funding mechanisms are identified. MEDEP confirmed that closure of the Site under the VRAP is possible even if areas of the Site have not been fully addressed.

- Subsurface Soil (2-15 feet below grade): Subsurface soils in the Riverwalk area exhibit organic and inorganic compounds exceeding the applicable RAGs. In particular, the concentration of lead (37,000 mg/kg) at one sample location (TP-4, 4-4.5 feet below grade) near the river exceeded the applicable RAG for lead (450 mg/kg) by nearly two orders of magnitude. Current and future human exposure to organic and inorganic compounds in the Riverwalk area is unlikely since the material is greater than 2 feet below the soil cover and do not appear to be leaching into the River based on the analytical results of porewater samples collected in 2019. As such, active remedial actions (such as soil excavation) were not proposed for Riverbank subsurface soil since they do not appear to be impacting the river and potential human exposures could be effectively addressed via an Environmental Covenant (EC) and Environmental Media Management Plan (EMMP), which would specify excavation requirements for construction workers who perform earthwork within the Riverwalk area of the Site.

    - MEDEP/USEPA generally agreed that human exposure to subsurface soils within the Riverwalk area were unlikely. However, MEDEP was generally not in favor using institutional controls as the remedy for Riverbank subsurface soils due to the concentration of lead observed at TP-4, and indicated they preferred the soils to be excavated and removed from the Site based on current regulatory policies and concerns regarding public perception if those materials were allowed to remain in place. Additional alternatives, such as stabilizing the soils in-situ, were also discussed, but were generally dismissed under the assumption that the cost to stabilize the soils would likely be comparable to the costs associated with excavation and off-Site disposal of the soil. It was further acknowledged that it is unlikely that the remaining funds available in the Brownfields Cleanup Grant would be sufficient to complete the excavation of lead-impacted Riverbank subsurface soil at TP-4 as well as the installation of a cover system in the upland area of the property.

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Remaining Data Gaps

The primary data gaps remaining at the Site following the 2019 Targeted Brownfield Assessment (TBA) completed within the Riverbank area of the Site pertained to whether additional assessment may be necessary to assess for the presence of Hexavalent Chromium (Cr6+) and per- and polyfluoroalkyl substances (PFAS) at the Site. It was generally agreed that additional soil assessment to evaluate potential presence of Cr6+ was not necessary since the concentrations of Cr6+ observed in soil samples obtained during the 2015 investigation completed by Ransom Engineers were below laboratory detection limits. Similarly, it was generally concluded that further assessment for PFAS was also not warranted based on the general absence of PFAS in soil samples collected during the 2019 TBA, various uncertainties and challenges associated with evaluating PFAS in soils, and the general opinion that the analytical results for PFAS in soils obtained during the 2019 TBA suggested PFAS were not a significant issue at the Site even though the proper analytical protocols did not meet USEPA method requirements.

Conclusions/Next Steps

Based on the discussions summarized above, it was generally concluded by MEDEP, USEPA, and Ransom Engineers that sufficient information has been collected at the Site to prepare and submit the Assessment of Brownfields Cleanup Alternatives (ABCA) for the Site. It was further acknowledged that the Town of Camden should initiate necessary public participation activities required to facilitate public approval of the proposed future use of the property and the proposed cleanup of the Site that will be presented in the ABCA.

As previously mentioned, MEDEP and USEPA indicated it was not likely that environmental conditions in the upland area and Riverwalk area of the property could be fully addressed under the existing Brownfields Grant, and the Town of Camden should prioritize the use of Brownfields funding to address what the Town considers to be most important to the Town of Camden at this time and seek additional funding opportunities to address the conditions that it determines would be best addressed at a later date after completing the remedial work under the existing Brownfields grant.

Attachment 1

Meeting Materials

Analytical Data and Exposure Assessment Tables and Site Maps

TABLE 1a: SUMMARY OF RIVERWALK SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location	MEDEP Remedial Action Guidelines (October 19, 2018)			TP-01 1.5-2.5ft	TP-02 1-2ft	TP-03 1.5-2.5ft	TP-04 0-1ft	TP-05 0-1ft
Sample Zone				Riverwalk	Riverwalk	Riverwalk	Riverwalk	Riverwalk
Sample Depth (ft bgs)				1.5-2.5	1-2	1.5-2.5	0-1	0-1
Exposure Scenario Based on Soil Sample Depth	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected				11/21/19	11/21/19	11/21/19	11/21/19	11/21/19
Volatile Organic Compounds (VOCs)								
1,2,3-Trimethylbenzene	270	290	290	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	200	220	220	BRL (0.07)	BRL (0.1)	0.34	BRL (0.09)	0.12
1,3,5-Trimethylbenzene	170	180	180	NA	NA	NA	NA	NA
2-Butanone	25,000	28,000	11,000	BRL (0.7)	1.1	BRL (2)	BRL (0.9)	BRL (1)
Acetone	81,000	100,000	98,000	BRL (3)	BRL (6)	BRL (6)	BRL (4)	BRL (4)
Carbon disulfide	720	740	720	BRL (0.1)	BRL (0.3)	BRL (0.3)	BRL (0.2)	BRL (0.2)
Dichlorodifluoromethane	830	550	730	BRL (0.1)	BRL (0.3)	BRL (0.3)	BRL (0.2)	BRL (0.2)
Ethylbenzene	400	380	470	BRL (0.07)	BRL (0.1)	BRL (0.2)	BRL (0.09)	BRL (0.1)
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA
Naphthalene	1,300	250	130	BRL (0.1)	BRL (0.3)	0.49	BRL (0.2)	BRL (0.2)
n-Butylbenzene	15,000	80,000	34,000	NA	NA	NA	NA	NA
n-Propylbenzene	260	260	260	NA	NA	NA	NA	NA
p/m-Xylene	260	260	260	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NE	NA	NA	NA	NA	NA
sec-Butylbenzene	30,000	100,000	34,000	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NE	NA	NA	NA	NA	NA
Toluene	790	810	820	BRL (0.07)	BRL (0.1)	0.70 J	BRL (0.09)	BRL (0.1)
Xylenes, Total	260	260	260	BRL (0.14)	BRL (0.2)	0.76	BRL (0.18)	BRL (0.2)
All Other VOCs	Varies	Varies	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges								
Gasoline Range Organics	3,436	6,379	1,654	NA	NA	NA	NA	NA
Diesel Range Organics	3,436	6.379	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions								
C5-C8 Aliphatics	7,500	11,000	430	BRL (7)	BRL (10)	BRL (20)	BRL (9)	BRL (10)
C9-C12 Aliphatics	17,000	14,000	2,300	BRL (7)	BRL (10)	BRL (20)	BRL (9)	BRL (10)
C9-C10 Aromatics	4,700	3,500	2,600	BRL (7)	BRL (10)	BRL (20)	BRL (9)	BRL (10)
Extractable Petroleum Hydrocarbon (EPH) Fractions								
C9-C18 Aliphatics	17,000	14,000	4,800	190	**7,100**	**6,000**	BRL (30)	BRL (50)
C19-C36 Aliphatics	410,000	100,000	100,000	810	62,000	50,000	140	1,100
C11-C22 Aromatics	7,300	33,000	74,000	490	**21,000**	**19,000**	54	2,100
Target Polycyclic Aromatic Hydrocarbons (PAHs)								
2-Methylnaphthalene	930	4,100	960	BRL (0.6)	BRL (2)	BRL (4)	BRL (0.3)	7.1
Acenaphthene	14,000	62,000	48,000	BRL (0.6)	BRL (2)	BRL (4)	BRL (0.3)	16
Acenaphthylene	14,000	45,000	48,000	BRL (0.6)	BRL (2)	BRL (4)	BRL (0.3)	4.9
Anthracene	70,000	100,000	100,000	BRL (0.6)	BRL (2)	BRL (4)	BRL (0.3)	66
Benzo(a)anthracene	45	280	1,700	0.88	3.5	5.1	BRL (0.3)	**120**
Benzo(a)pyrene	4.5	29	9.9	0.84	2	BRL (4)	BRL (0.3)	**89**
Benzo(b)fluoranthene	45	290	1,700	1	BRL (2)	BRL (4)	BRL (0.3)	**130**
Benzo(ghi)perylene	7,000	23,000	72,000	0.82	BRL (2)	BRL (4)	BRL (0.3)	48
Benzo(k)fluoranthene	450	2,900	17,000	BRL (0.6)	BRL (2)	BRL (4)	BRL (0.3)	20
Chrysene	4,500	29,000	100,000	0.92	13	12	BRL (0.3)	110
Dibenzo(a,h)anthracene	4.5	29	170	BRL (0.6)	BRL (2)	BRL (4)	BRL (0.3)	**5.6**
Fluoranthene	9,300	41,000	24,000	2.1	2.1	6.1	0.37	250
Fluorene	9,300	41,000	96,000	BRL (0.6)	BRL (2)	BRL (4)	BRL (0.3)	20
Indeno(1,2,3-cd)Pyrene	45	290	1,700	0.7	BRL (2)	BRL (4)	BRL (0.3)	**47**
Naphthalene	1,300	250	130	BRL (0.6)	BRL (2)	BRL (4)	BRL (0.3)	12
Phenanthrene	7,000	23,000	72,000	1.6	13	19	BRL (0.3)	270
Pyrene	7,000	31,000	72,000	1.8	4.8	7.5	0.32	210
Metals								
Arsenic	26	41	54	**30**	25	12	15	**28**
Barium	61,000	100,000	20,000	50 J	190 J	100 J	84 J	210 J
Cadmium	280	1,400	42	BRL (0.5)	8.2	1.4	0.68	1.0
Chromium, Total	100,000	100,000	27,000	980 J	1,700 J	310 J	190 J	1,400 J
Chromium, Hexavalent	12	89	46	NA	NA	NA	NA	NA
Copper	12,000	64,000	3,400	NA	NA	NA	NA	NA
Lead	290	440	450	120 J	210 J	91 J	140 J	**400 J**
Mercury	3.1	3.1	3.1	0.36 J	1.2 J	0.16 J	0.21 J	1.8 J
Nickel	6,100	32,000	990	NA	NA	NA	NA	NA
Zinc	91,000	100,000	100,000	NA	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)								
Perfluorobutane sulfonic acid (PFBS)	4900	22,000	51000	NA	BRL (0.0021)	NA	NA	BRL (0.0013)
Perfluorooctane sulfonic acid (PFOS)	4.9	22	5.1	NA	BRL (0.0021)	NA	NA	0.0017 J
Perfluorooctanoic acid (PFOA)	4.9	22	5.1	NA	BRL (0.0021)	NA	NA	BRL (0.0013)
MEDEP RAG Exceedance Summary				**PU**	**PU, EXC**	**PU, EXC**	**--**	**PU, OC, EXC**

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1a: SUMMARY OF RIVERWALK SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location				TP-05 1.5-3ft	RB-01	RB-02	RB-03	RB-04
Sample Zone				Riverwalk	Riverwalk	Riverwalk	Riverwalk	Riverwalk
Sample Depth (ft bgs)				1.5-3	0-1	0-1	0-1	0-1
Exposure Scenario Based on Soil Sample Depth	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected				11/21/19	11/21/19	11/21/19	11/21/19	11/21/19
Volatile Organic Compounds (VOCs)								
1,2,3-Trimethylbenzene	270	290	290	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	200	220	220	0.16	BRL (0.05)	BRL (0.3)	BRL (0.2)	BRL (0.2)
1,3,5-Trimethylbenzene	170	180	180	NA	NA	NA	NA	NA
2-Butanone	25,000	28,000	11,000	BRL (1)	BRL (0.5)	BRL (0.3)	BRL (0.2)	BRL (2)
Acetone	81,000	100,000	98,000	BRL (5)	BRL (2)	BRL (10)	BRL (7)	BRL (9)
Carbon disulfide	720	740	720	BRL (0.2)	BRL (0.1)	BRL (0.6)	BRL (0.4)	BRL (0.4)
Dichlorodifluoromethane	830	550	730	BRL (0.2)	BRL (0.1)	BRL (0.6)	BRL (0.4)	BRL (0.4)
Ethylbenzene	400	380	470	BRL (0.1)	BRL (0.05)	BRL (0.3)	BRL (0.2)	BRL (0.2)
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA
Naphthalene	1,300	250	130	BRL (0.2)	BRL (0.1)	BRL (0.6)	BRL (0.4)	BRL (0.4)
n-Butylbenzene	15,000	80,000	34,000	NA	NA	NA	NA	NA
n-Propylbenzene	260	260	260	NA	NA	NA	NA	NA
p/m-Xylene	260	260	260	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NE	NA	NA	NA	NA	NA
sec-Butylbenzene	30,000	100,000	34,000	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NE	NA	NA	NA	NA	NA
Toluene	790	810	820	BRL (0.1)	BRL (0.05)	BRL (0.3)	BRL (0.2)	BRL (0.2)
Xylenes, Total	260	260	260	BRL (0.2)	BRL (0.1)	BRL (0.6)	BRL (0.4)	BRL (0.4)
All Other VOCs	Varies	Varies	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges								
Gasoline Range Organics	3,436	6,379	1,654	NA	NA	NA	NA	NA
Diesel Range Organics	3,436	6.379	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions								
C5-C8 Aliphatics	7,500	11,000	430	BRL (10)	BRL (5)	BRL (30)	BRL (20)	BRL (20)
C9-C12 Aliphatics	17,000	14,000	2,300	BRL (10)	BRL (5)	BRL (30)	BRL (20)	BRL (20)
C9-C10 Aromatics	4,700	3,500	2,600	BRL (10)	BRL (5)	BRL (30)	BRL (20)	BRL (20)
Extractable Petroleum Hydrocarbon (EPH) Fractions								
C9-C18 Aliphatics	17,000	14,000	4,800	55	BRL (20)	BRL (300)	BRL (200)	BRL (70)
C19-C36 Aliphatics	410,000	100,000	100,000	1,700	96	4,300	6,500	2,100
C11-C22 Aromatics	7,300	33,000	74,000	580	BRL (20)	1,500	2,100	880
Target Polycyclic Aromatic Hydrocarbons (PAHs)								
2-Methylnaphthalene	930	4,100	960	BRL (0.5)	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Acenaphthene	14,000	62,000	48,000	1.2	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Acenaphthylene	14,000	45,000	48,000	0.61	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Anthracene	70,000	100,000	100,000	4.5	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Benzo(a)anthracene	45	280	1,700	9.8	0.23	BRL (3)	BRL (2)	0.81
Benzo(a)pyrene	4.5	29	9.9	**9.1**	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Benzo(b)fluoranthene	45	290	1,700	13	0.24	BRL (3)	BRL (2)	1.1
Benzo(ghi)perylene	7,000	23,000	72,000	7.6	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Benzo(k)fluoranthene	450	2,900	17,000	4.4	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Chrysene	4,500	29,000	100,000	9.6	0.23	BRL (3)	BRL (2)	0.9
Dibenzo(a,h)anthracene	4.5	29	170	2.3	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Fluoranthene	9,300	41,000	24,000	20	0.47	BRL (3)	BRL (2)	1.8
Fluorene	9,300	41,000	96,000	1.6	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Indeno(1,2,3-cd)Pyrene	45	290	1,700	7.1	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Naphthalene	1,300	250	130	0.87	BRL (0.2)	BRL (3)	BRL (2)	BRL (0.7)
Phenanthrene	7,000	23,000	72,000	19	0.35	BRL (3)	BRL (2)	1.5
Pyrene	7,000	31,000	72,000	17	0.41	BRL (3)	BRL (2)	1.6
Metals								
Arsenic	26	41	54	**47**	12	**26**	**38**	**27**
Barium	61,000	100,000	20,000	230 J	44 J	240 J	32 J	950 J
Cadmium	280	1,400	42	0.8	BRL (0.5)	2.7	1.0	0.77
Chromium, Total	100,000	100,000	27,000	820 J	96 J	1,500 J	2,800 J	5,300 J
Chromium, Hexavalent	12	89	46	NA	NA	NA	NA	NA
Copper	12,000	64,000	3,400	NA	NA	NA	NA	NA
Lead	290	440	450	**360 J**	45 J	**720 J**	240 J	**730 J**
Mercury	3.1	3.1	3.1	0.64 J	BRL (0.1)	2.0 J	0.88 J	**4.7 J**
Nickel	6,100	32,000	990	NA	NA	NA	NA	NA
Zinc	91,000	100,000	100,000	NA	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)								
Perfluorobutane sulfonic acid (PFBS)	4900	22,000	51000	BRL (0.0094)	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	4.9	22	5.1	BRL (0.0094)	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	4.9	22	5.1	0.0041 J	NA	NA	NA	NA
MEDEP RAG Exceedance Summary				**PU, OC**	**--**	**PU, OC, EXC**	**PU**	**PU, OC, EXC**

Notes:
mg/kg = milligrams per kilogram
BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.
J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).
NE indicates that a standard or guideline is "not established" for the referenced parameter.
NA = Not Analyzed NS = Not Specified
Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Construction Worker (EXC)
Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1a: SUMMARY OF RIVERWALK SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location				FDUP (RB-04)	RB-05	RB-06	B116	B118
Sample Zone				Riverwalk	Riverwalk	Riverwalk	Riverwalk	Riverwalk
Sample Depth (ft bgs)				0-1	0-1	0-1	0-2	0-2
Exposure Scenario Based on Soil Sample Depth	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected				11/21/19	11/20/19	11/20/19	12/2/15	12/1/15
Volatile Organic Compounds (VOCs)								
1,2,3-Trimethylbenzene	270	290	290	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	200	220	220	BRL (0.2)	BRL (0.07)	BRL (0.6)	0.190 J	4.8
1,3,5-Trimethylbenzene	170	180	180	NA	NA	NA	BRL (0.42)	BRL (2.5)
2-Butanone	25,000	28,000	11,000	BRL (2)	BRL (0.7)	BRL (0.6)	BRL (0.85)	BRL (6.9)
Acetone	81,000	100,000	98,000	BRL (9)	BRL (3)	BRL (2)	0.260 J	BRL (25)
Carbon disulfide	720	740	720	BRL (0.4)	BRL (0.1)	BRL (0.1)	BRL (0.85)	BRL (6.9)
Dichlorodifluoromethane	830	550	730	BRL (0.4)	BRL (0.1)	BRL (0.1)	BRL (0.85)	BRL (6.9)
Ethylbenzene	400	380	470	BRL (0.2)	BRL (0.07)	BRL (0.06)	BRL (0.085)	BRL (1.2)
Isopropylbenzene	NE	NE	NE	NA	NA	NA	BRL (0.085)	BRL (0.69)
Naphthalene	1,300	250	130	BRL (0.4)	BRL (0.1)	BRL (0.1)	0.46	BRL (3.4)
n-Butylbenzene	15,000	80,000	34,000	NA	NA	NA	BRL (0.085)	1.6
n-Propylbenzene	260	260	260	NA	NA	NA	0.082	BRL (0.69)
p/m-Xylene	260	260	260	NA	NA	NA	0.120 J	BRL (0.13)
p-Isopropyltoluene	NE	NE	NE	NA	NA	NA	BRL (0.085)	3.1
sec-Butylbenzene	30,000	100,000	34,000	NA	NA	NA	BRL (0.085)	1.1
tert-Butylbenzene	NE	NE	NE	NA	NA	NA	BRL (0.42)	BRL (0.4)
Toluene	790	810	820	BRL (0.2)	0.10 J	BRL (0.06)	BRL (0.13)	BRL (1)
Xylenes, Total	260	260	260	BRL (0.4)	0.09	BRL (0.06)	0.120 J	BRL (0.13)
All Other VOCs	Varies	Varies	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges								
Gasoline Range Organics	3,436	6,379	1,654	NA	NA	NA	NA	NA
Diesel Range Organics	3,436	6.379	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions								
C5-C8 Aliphatics	7,500	11,000	430	BRL (20)	BRL (7)	BRL (6)	BRL (4.24)	8.96
C9-C12 Aliphatics	17,000	14,000	2,300	BRL (20)	BRL (7)	BRL (6)	11.4	572
C9-C10 Aromatics	4,700	3,500	2,600	BRL (20)	BRL (7)	BRL (6)	10.1	470
Extractable Petroleum Hydrocarbon (EPH) Fractions								
C9-C18 Aliphatics	17,000	14,000	4,800	BRL (80)	BRL (20)	BRL (20)	18.8	234
C19-C36 Aliphatics	410,000	100,000	100,000	1,900	210	BRL (20)	102	118
C11-C22 Aromatics	7,300	33,000	74,000	890	89	BRL (20)	42.2	57.7
Target Polycyclic Aromatic Hydrocarbons (PAHs)								
2-Methylnaphthalene	930	4,100	960	BRL (0.8)	BRL (0.2)	BRL (0.2)	0.086	0.043
Acenaphthene	14,000	62,000	48,000	BRL (0.8)	BRL (0.2)	BRL (0.2)	0.103	0.024 J
Acenaphthylene	14,000	45,000	48,000	BRL (0.8)	BRL (0.2)	BRL (0.2)	0.043	0.145
Anthracene	70,000	100,000	100,000	BRL (0.8)	0.84	BRL (0.2)	0.248	0.155
Benzo(a)anthracene	45	280	1,700	0.75	1.7	0.3	0.599	0.802
Benzo(a)pyrene	4.5	29	9.9	BRL (0.8)	1.3	0.33	0.608	0.848
Benzo(b)fluoranthene	45	290	1,700	0.96	2	0.46	0.796	1.07
Benzo(ghi)perylene	7,000	23,000	72,000	0.77	0.93	0.29	0.399	0.61
Benzo(k)fluoranthene	450	2,900	17,000	BRL (0.8)	0.69	BRL (0.2)	0.285	0.421
Chrysene	4,500	29,000	100,000	0.88	1.8	0.33	0.648	0.802
Dibenzo(a,h)anthracene	4.5	29	170	BRL (0.8)	0.26	BRL (0.2)	0.109	0.142
Fluoranthene	9,300	41,000	24,000	1.6	3.7	0.63	1.32	1.54
Fluorene	9,300	41,000	96,000	BRL (0.8)	0.27	BRL (0.2)	0.13	0.046
Indeno(1,2,3-cd)Pyrene	45	290	1,700	BRL (0.8)	0.82	0.24	0.428	0.517
Naphthalene	1,300	250	130	BRL (0.8)	BRL (0.2)	BRL (0.2)	0.192	BRL (0.029)
Phenanthrene	7,000	23,000	72,000	1.3	3.5	0.39	0.894	0.581
Pyrene	7,000	31,000	72,000	1.5	3.2	0.56	1.12	1.36
Metals								
Arsenic	26	41	54	22	21	14	**35**	12
Barium	61,000	100,000	20,000	110 J	94 J	59 J	80	54
Cadmium	280	1,400	42	0.54	BRL (0.5)	BRL (0.5)	NA	NA
Chromium, Total	100,000	100,000	27,000	1,800 J	990 J	99 J	120	160
Chromium, Hexavalent	12	89	46	NA	NA	NA	NA	BRL (0.93)
Copper	12,000	64,000	3,400	NA	NA	NA	NA	NA
Lead	290	440	450	**780 J**	**430 J**	83 J	52	74
Mercury	3.1	3.1	3.1	1.2 J	0.42 J	BRL (0.1)	0.16	0.25
Nickel	6,100	32,000	990	NA	NA	NA	NA	NA
Zinc	91,000	100,000	100,000	NA	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)								
Perfluorobutane sulfonic acid (PFBS)	4900	22,000	51000	NA	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	4.9	22	5.1	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	4.9	22	5.1	NA	NA	NA	NA	NA
MEDEP RAG Exceedance Summary				**PU, OC, EXC**	**PU**	**--**	**PU**	**--**

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1a: SUMMARY OF RIVERWALK SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location				BK-1	BK-2	GP-6A	GP-6B	XRF-20
Sample Zone				Riverwalk	Riverwalk	Riverwalk	Riverwalk	Riverwalk
Sample Depth (ft bgs)				0-2	0-2	0-4	0-4	0-0.5
Exposure Scenario Based on Soil Sample Depth	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected				12/2/15	12/2/15	8/1/00	8/1/00	8/1/00
Volatile Organic Compounds (VOCs)								
1,2,3-Trimethylbenzene	270	290	290	NA	NA	1.4	0.15	NA
1,2,4-Trimethylbenzene	200	220	220	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	170	180	180	NA	NA	3.4	0.39	NA
2-Butanone	25,000	28,000	11,000	NA	NA	NA	NA	NA
Acetone	81,000	100,000	98,000	NA	NA	NA	NA	NA
Carbon disulfide	720	740	720	NA	NA	NA	NA	NA
Dichlorodifluoromethane	830	550	730	NA	NA	NA	NA	NA
Ethylbenzene	400	380	470	NA	NA	0.085	0.0017	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA
Naphthalene	1,300	250	130	NA	NA	0.033	NA	NA
n-Butylbenzene	15,000	80,000	34,000	NA	NA	NA	NA	NA
n-Propylbenzene	260	260	260	NA	NA	NA	NA	NA
p/m-Xylene	260	260	260	NA	NA	0.063	0.012	NA
p-Isopropyltoluene	NE	NE	NE	NA	NA	NA	NA	NA
sec-Butylbenzene	30,000	100,000	34,000	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NE	NA	NA	NA	NA	NA
Toluene	790	810	820	NA	NA	0.01	NA	NA
Xylenes, Total	260	260	260	NA	NA	0.393	0.029	NA
All Other VOCs	Varies	Varies	Varies	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) Ranges								
Gasoline Range Organics	3,436	6,379	1,654	NA	NA	**6,000**	BRL (NS)	NA
Diesel Range Organics	3,436	6.379	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions								
C5-C8 Aliphatics	7,500	11,000	430	NA	NA	NA	NA	NA
C9-C12 Aliphatics	17,000	14,000	2,300	NA	NA	NA	NA	NA
C9-C10 Aromatics	4,700	3,500	2,600	NA	NA	NA	NA	NA
Extractable Petroleum Hydrocarbon (EPH) Fractions								
C9-C18 Aliphatics	17,000	14,000	4,800	BRL (8.51)	BRL (8.38)	NA	NA	NA
C19-C36 Aliphatics	410,000	100,000	100,000	BRL (8.51)	BRL (8.38)	NA	NA	NA
C11-C22 Aromatics	7,300	33,000	74,000	BRL (8.51)	BRL (8.38)	NA	NA	NA
Target Polycyclic Aromatic Hydrocarbons (PAHs)								
2-Methylnaphthalene	930	4,100	960	BRL (0.034)	BRL (0.034)	NA	NA	NA
Acenaphthene	14,000	62,000	48,000	BRL (0.034)	BRL (0.034)	NA	NA	NA
Acenaphthylene	14,000	45,000	48,000	BRL (0.034)	BRL (0.034)	NA	NA	NA
Anthracene	70,000	100,000	100,000	BRL (0.034)	BRL (0.034)	NA	NA	NA
Benzo(a)anthracene	45	280	1,700	0.039	0.037	NA	NA	NA
Benzo(a)pyrene	4.5	29	9.9	0.042	0.038	NA	NA	NA
Benzo(b)fluoranthene	45	290	1,700	0.066	0.063	NA	NA	NA
Benzo(ghi)perylene	7,000	23,000	72,000	0.032 J	0.031 J	NA	NA	NA
Benzo(k)fluoranthene	450	2,900	17,000	0.024 J	0.024 J	NA	NA	NA
Chrysene	4,500	29,000	100,000	0.057	0.056	NA	NA	NA
Dibenzo(a,h)anthracene	4.5	29	170	BRL (0.034)	BRL (0.034)	NA	NA	NA
Fluoranthene	9,300	41,000	24,000	0.097	0.096	NA	NA	NA
Fluorene	9,300	41,000	96,000	BRL (0.034)	BRL (0.034)	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	45	290	1,700	0.033 J	0.034	NA	NA	NA
Naphthalene	1,300	250	130	BRL (0.034)	BRL (0.034)	NA	NA	NA
Phenanthrene	7,000	23,000	72,000	0.042	0.044	NA	NA	NA
Pyrene	7,000	31,000	72,000	0.095	0.093	NA	NA	NA
Metals								
Arsenic	26	41	54	14	12	NA	NA	13
Barium	61,000	100,000	20,000	37	33	NA	NA	78
Cadmium	280	1,400	42	NA	NA	NA	NA	BRL (8)
Chromium, Total	100,000	100,000	27,000	26	23	NA	NA	130
Chromium, Hexavalent	12	89	46	BRL (1.0)	BRL (1.0)	NA	NA	NA
Copper	12,000	64,000	3,400	NA	NA	NA	NA	130
Lead	290	440	450	16	14	NA	NA	220
Mercury	3.1	3.1	3.1	0.16	0.16	NA	NA	0.2
Nickel	6,100	32,000	990	NA	NA	NA	NA	28
Zinc	91,000	100,000	100,000	NA	NA	NA	NA	140
Per- and Poly Fluoroalkyl Substances (PFAS)								
Perfluorobutane sulfonic acid (PFBS)	4900	22,000	51000	NA	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	4.9	22	5.1	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	4.9	22	5.1	NA	NA	NA	NA	NA
MEDEP RAG Exceedance Summary				--	--	**PU, EXC**	--	--

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1a: SUMMARY OF RIVERWALK SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location				BKSED1	BKSED2	BKSED3	SED-4	SED-5	SED-6
Sample Zone				Riverwalk	Riverwalk	Riverwalk	Riverwalk	Riverwalk	Riverwalk
Sample Depth (ft bgs)				0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Exposure Scenario Based on Soil Sample Depth	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected				8/1/00	8/1/00	8/1/00	8/1/00	8/1/00	8/1/00
Volatile Organic Compounds (VOCs)									
1,2,3-Trimethylbenzene	270	290	290	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	200	220	220	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	170	180	180	NA	NA	NA	NA	NA	NA
2-Butanone	25,000	28,000	11,000	NA	NA	NA	NA	NA	NA
Acetone	81,000	100,000	98,000	NA	NA	NA	NA	NA	NA
Carbon disulfide	720	740	720	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	830	550	730	NA	NA	NA	NA	NA	NA
Ethylbenzene	400	380	470	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA
Naphthalene	1,300	250	130	NA	NA	NA	NA	NA	NA
n-Butylbenzene	15,000	80,000	34,000	NA	NA	NA	NA	NA	NA
n-Propylbenzene	260	260	260	NA	NA	NA	NA	NA	NA
p/m-Xylene	260	260	260	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NE	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	30,000	100,000	34,000	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA
Toluene	790	810	820	NA	NA	NA	NA	NA	NA
Xylenes, Total	260	260	260	NA	NA	NA	NA	NA	NA
All Other VOCs	Varies	Varies	Varies	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) Ranges									
Gasoline Range Organics	3,436	6,379	1,654	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	8.7	BRL (NS)
Diesel Range Organics	3,436	6.379	1,654	87	NA	NA	10	58	54
Volatile Petroleum Hydrocarbon (VPH) Fractions									
C5-C8 Aliphatics	7,500	11,000	430	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics	17,000	14,000	2,300	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics	4,700	3,500	2,600	NA	NA	NA	NA	NA	NA
Extractable Petroleum Hydrocarbon (EPH) Fractions									
C9-C18 Aliphatics	17,000	14,000	4,800	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	410,000	100,000	100,000	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	7,300	33,000	74,000	NA	NA	NA	NA	NA	NA
Target Polycyclic Aromatic Hydrocarbons (PAHs)									
2-Methylnaphthalene	930	4,100	960	NA	NA	NA	NA	NA	NA
Acenaphthene	14,000	62,000	48,000	NA	NA	NA	NA	NA	NA
Acenaphthylene	14,000	45,000	48,000	NA	NA	NA	NA	NA	NA
Anthracene	70,000	100,000	100,000	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	45	280	1,700	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	4.5	29	9.9	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	45	290	1,700	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	7,000	23,000	72,000	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	450	2,900	17,000	NA	NA	NA	NA	NA	NA
Chrysene	4,500	29,000	100,000	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	4.5	29	170	NA	NA	NA	NA	NA	NA
Fluoranthene	9,300	41,000	24,000	NA	NA	NA	NA	NA	NA
Fluorene	9,300	41,000	96,000	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	45	290	1,700	NA	NA	NA	NA	NA	NA
Naphthalene	1,300	250	130	NA	NA	NA	NA	NA	NA
Phenanthrene	7,000	23,000	72,000	NA	NA	NA	NA	NA	NA
Pyrene	7,000	31,000	72,000	NA	NA	NA	NA	NA	NA
Metals									
Arsenic	26	41	54	7	6	4	12	11	7
Barium	61,000	100,000	20,000	NA	NA	NA	NA	NA	NA
Cadmium	280	1,400	42	BRL (0.8)	BRL (0.8)	BRL (0.8)	BRL (0.8)	BRL (0.8)	BRL (0.8)
Chromium, Total	100,000	100,000	27,000	12	13	12	23	59	15
Chromium, Hexavalent	12	89	46	NA	NA	NA	NA	NA	NA
Copper	12,000	64,000	3,400	8	8	8	6	42	10
Lead	290	440	450	14	16	14	12	49	18
Mercury	3.1	3.1	3.1	BRL (0.1)	BRL (0.1)	BRL (0.1)	BRL (0.1)	0.1	BRL (0.1)
Nickel	6,100	32,000	990	10	11	10	13	19	12
Zinc	91,000	100,000	100,000	49	50	49	37	190	62
Per- and Poly Fluoroalkyl Substances (PFAS)									
Perfluorobutane sulfonic acid (PFBS)	4900	22,000	51000	NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	4.9	22	5.1	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	4.9	22	5.1	NA	NA	NA	NA	NA	NA
MEDEP RAG Exceedance Summary				--	--	--	--	--	--

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1b: SUMMARY OF RIVERWALK SUBSURFACE SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location	MEDEP Remedial Action Guidelines (October 19, 2018)	TP-01 5-5.5ft	TP-02 4.5-5ft	TP-03 1.5-2.5ft	TP-03 4.5ft	TP-04 4-4.5ft
Sample Zone		**Riverwalk**	**Riverwalk**	**Riverwalk**	**Riverwalk**	**Riverwalk**
Sample Depth (ft bgs)		**5-5.5**	**4.5-5**	**1.5-2.5**	**4.5**	**4-4.5**
Exposure Scenario Based on Soil Sample Depth	**Excavation/ Construction Worker (all soil depths)**	**Excavation/ Construction Worker**	**Excavation/ Construction Worker**	**Excavation/ Construction Worker**	**Excavation/ Construction Worker**	**Excavation/ Construction Worker**
Date Collected		**11/21/19**	**11/21/19**	**11/21/19**	**11/21/19**	**11/21/19**
Volatile Organic Compounds (VOCs)						
1,2,3-Trimethylbenzene	290	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	220	BRL (0.08)	BRL (0.08)	0.34	BRL (0.1)	BRL (0.09)
1,3,5-Trimethylbenzene	180	NA	NA	NA	NA	NA
2-Butanone	11,000	BRL (0.8)	BRL (0.8)	BRL (2)	BRL (1)	BRL (0.9)
Acetone	98,000	BRL (3)	BRL (3)	BRL (6)	BRL (5)	BRL (3)
Carbon disulfide	720	BRL (0.2)	BRL (0.2)	BRL (0.3)	BRL (0.3)	BRL (0.2)
Dichlorodifluoromethane	730	BRL (0.2)	BRL (0.2)	BRL (0.3)	BRL (0.3)	BRL (0.2)
Ethylbenzene	470	BRL (0.08)	BRL (0.08)	BRL (0.2)	BRL (0.1)	BRL (0.09)
Isopropylbenzene	NE	NA	NA	NA	NA	NA
Naphthalene	130	BRL (0.2)	BRL (0.2)	0.49	BRL (0.3)	BRL (0.2)
n-Butylbenzene	34,000	NA	NA	NA	NA	NA
n-Propylbenzene	260	NA	NA	NA	NA	NA
p/m-Xylene	260	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NA	NA	NA	NA	NA
sec-Butylbenzene	34,000	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NA	NA	NA	NA	NA
Toluene	820	BRL (0.08)	BRL (0.08)	0.70 J	BRL (0.1)	BRL (0.09)
Xylenes, Total	260	BRL (0.16)	BRL (0.16)	0.76	BRL (0.1)	BRL (0.18)
All Other VOCs	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges						
Gasoline Range Organics	1,654	NA	NA	NA	NA	NA
Diesel Range Organics	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions						
C5-C8 Aliphatics	430	BRL (8)	BRL (8)	BRL (20)	BRL (10)	BRL (9)
C9-C12 Aliphatics	2,300	BRL (8)	BRL (8)	BRL (20)	BRL (10)	BRL (9)
C9-C10 Aromatics	2,600	BRL (8)	BRL (8)	BRL (20)	BRL (10)	BRL (9)
Extractable Petroleum Hydrocarbon (EPH) Fractions						
C9-C18 Aliphatics	4,800	BRL (30)	BRL (30)	**6,000**	BRL (30)	37
C19-C36 Aliphatics	100,000	40	69	50,000	260	870
C11-C22 Aromatics	74,000	BRL (30)	BRL (30)	19,000	85	670
Target Polycyclic Aromatic Hydrocarbons (PAHs)						
2-Methylnaphthalene	960	BRL (0.3)	BRL (0.3)	BRL (4)	BRL (0.3)	BRL (0.3)
Acenaphthene	48,000	BRL (0.3)	BRL (0.3)	BRL (4)	BRL (0.3)	BRL (0.3)
Acenaphthylene	48,000	BRL (0.3)	BRL (0.3)	BRL (4)	BRL (0.3)	BRL (0.3)
Anthracene	100,000	BRL (0.3)	BRL (0.3)	BRL (4)	BRL (0.3)	BRL (0.3)
Benzo(a)anthracene	1,700	BRL (0.3)	BRL (0.3)	5.1	1.1	BRL (0.3)
Benzo(a)pyrene	9.9	BRL (0.3)	BRL (0.3)	BRL (4)	1	0.34
Benzo(b)fluoranthene	1,700	BRL (0.3)	BRL (0.3)	BRL (4)	1.2	0.42
Benzo(ghi)perylene	72,000	BRL (0.3)	BRL (0.3)	BRL (4)	0.61	0.53
Benzo(k)fluoranthene	17,000	BRL (0.3)	BRL (0.3)	BRL (4)	0.44	BRL (0.3)
Chrysene	100,000	BRL (0.3)	BRL (0.3)	12	0.99	BRL (0.3)
Dibenzo(a,h)anthracene	170	BRL (0.3)	BRL (0.3)	BRL (4)	BRL (0.3)	BRL (0.3)
Fluoranthene	24,000	BRL (0.3)	0.32	6.1	1.1	0.38
Fluorene	96,000	BRL (0.3)	BRL (0.3)	BRL (4)	BRL (0.3)	BRL (0.3)
Indeno(1,2,3-cd)Pyrene	1,700	BRL (0.3)	BRL (0.3)	BRL (4)	0.58	0.36
Naphthalene	130	BRL (0.3)	BRL (0.3)	BRL (4)	BRL (0.3)	BRL (0.3)
Phenanthrene	72,000	BRL (0.3)	0.33	19	BRL (0.3)	BRL (0.3)
Pyrene	72,000	BRL (0.3)	BRL (0.3)	7.5	0.94	0.34
Metals						
Arsenic	54	13	10	12	**63**	18
Barium	20,000	39 J	40 J	100 J	58 J	180 J
Cadmium	42	BRL (0.5)	BRL (0.5)	1.4	2.4	2.3
Chromium, Total	27,000	26 J	210 J	310 J	1,400 J	440 J
Chromium, Hexavalent	46	NA	NA	NA	NA	NA
Copper	3,400	NA	NA	NA	NA	NA
Lead	450	11 J	27 J	91 J	**1,800 J**	**37,000 J**
Mercury	3.1	BRL (0.1)	0.20 J	0.16 J	0.47 J	0.46 J
Nickel	990	NA	NA	NA	NA	NA
Zinc	100,000	NA	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)						
Perfluorobutane sulfonic acid (PFBS)	51000	NA	BRL (0.0012)	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	5.1	NA	BRL (0.0012)	NA	NA	NA
Perfluorooctanoic acid (PFOA)	5.1	NA	BRL (0.0012)	NA	NA	NA
MEDEP RAG Exceedance Summary		**--**	**--**	**EXC**	**EXC**	**EXC**

Notes:
mg/kg = milligrams per kilogram
BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.
J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).
NE indicates that a standard or guideline is "not established" for the referenced parameter.
NA = Not Analyzed NS = Not Specified
Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Excavation/Construction Worker (EXC)
Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1b: SUMMARY OF RIVERWALK SUBSURFACE SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location		TP-05 1.5-3ft	GP-6A	GP-6B	GP-6B	GP-6B
Sample Zone		Riverwalk	Riverwalk	Riverwalk	Riverwalk	Riverwalk
Sample Depth (ft bgs)	Excavation/ Construction Worker (all soil depths)	1.5-3	0-4	0-4	4-8	8-12
Exposure Scenario Based on Soil Sample Depth		Excavation/ Construction Worker	Excavation/ Construction Worker	Excavation/ Construction Worker	Excavation/ Construction Worker	Excavation/ Construction Worker
Date Collected		11/21/19	8/1/00	8/1/00	8/1/00	8/1/00
Volatile Organic Compounds (VOCs)						
1,2,3-Trimethylbenzene	290	NA	1.4	0.15	2.1	1.4
1,2,4-Trimethylbenzene	220	0.16	NA	NA	NA	NA
1,3,5-Trimethylbenzene	180	NA	3.4	0.39	4.8	2.9
2-Butanone	11,000	BRL (1)	NA	NA	NA	NA
Acetone	98,000	BRL (5)	NA	NA	NA	NA
Carbon disulfide	720	BRL (0.2)	NA	NA	NA	NA
Dichlorodifluoromethane	730	BRL (0.2)	NA	NA	NA	NA
Ethylbenzene	470	BRL (0.1)	0.085	0.0017	0.25	0.085
Isopropylbenzene	NE	NA	NA	NA	NA	NA
Naphthalene	130	BRL (0.2)	0.033	NA	0.044	0.048
n-Butylbenzene	34,000	NA	NA	NA	NA	NA
n-Propylbenzene	260	NA	NA	NA	NA	NA
p/m-Xylene	260	NA	0.063	0.012	0.13	0.059
p-Isopropyltoluene	NE	NA	NA	NA	NA	NA
sec-Butylbenzene	34,000	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NA	NA	NA	NA	NA
Toluene	820	BRL (0.1)	0.01	NA	0.023	0.0087
Xylenes, Total	260	BRL (0.2)	0.393	0.029	0.91	0.459
All Other VOCs	Varies	BRL (Varies)	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) Ranges						
Gasoline Range Organics	1,654	NA	**6,000**	BRL (NS)	**7,100**	330
Diesel Range Organics	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions						
C5-C8 Aliphatics	430	BRL (10)	NA	NA	NA	NA
C9-C12 Aliphatics	2,300	BRL (10)	NA	NA	NA	NA
C9-C10 Aromatics	2,600	BRL (10)	NA	NA	NA	NA
Extractable Petroleum Hydrocarbon (EPH) Fractions						
C9-C18 Aliphatics	4,800	55	NA	NA	NA	NA
C19-C36 Aliphatics	100,000	1,700	NA	NA	NA	NA
C11-C22 Aromatics	74,000	580	NA	NA	NA	NA
Target Polycyclic Aromatic Hydrocarbons (PAHs)						
2-Methylnaphthalene	960	BRL (0.5)	NA	NA	NA	NA
Acenaphthene	48,000	1.2	NA	NA	NA	NA
Acenaphthylene	48,000	0.61	NA	NA	NA	NA
Anthracene	100,000	4.5	NA	NA	NA	NA
Benzo(a)anthracene	1,700	9.8	NA	NA	NA	NA
Benzo(a)pyrene	9.9	9.1	NA	NA	NA	NA
Benzo(b)fluoranthene	1,700	13	NA	NA	NA	NA
Benzo(ghi)perylene	72,000	7.6	NA	NA	NA	NA
Benzo(k)fluoranthene	17,000	4.4	NA	NA	NA	NA
Chrysene	100,000	9.6	NA	NA	NA	NA
Dibenzo(a,h)anthracene	170	2.3	NA	NA	NA	NA
Fluoranthene	24,000	20	NA	NA	NA	NA
Fluorene	96,000	1.6	NA	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	1,700	7.1	NA	NA	NA	NA
Naphthalene	130	0.87	NA	NA	NA	NA
Phenanthrene	72,000	19	NA	NA	NA	NA
Pyrene	72,000	17	NA	NA	NA	NA
Metals						
Arsenic	54	47	NA	NA	NA	NA
Barium	20,000	230 J	NA	NA	NA	NA
Cadmium	42	0.8	NA	NA	NA	NA
Chromium, Total	27,000	820 J	NA	NA	NA	NA
Chromium, Hexavalent	46	NA	NA	NA	NA	NA
Copper	3,400	NA	NA	NA	NA	NA
Lead	450	360 J	NA	NA	NA	NA
Mercury	3.1	0.64 J	NA	NA	NA	NA
Nickel	990	NA	NA	NA	NA	NA
Zinc	100,000	NA	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)						
Perfluorobutane sulfonic acid (PFBS)	51000	BRL (0.0094)	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	5.1	BRL (0.0094)	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	5.1	0.0041 J	NA	NA	NA	NA
MEDEP RAG Exceedance Summary		--	**EXC**	--	**EXC**	--

Notes:
mg/kg = milligrams per kilogram
BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.
J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).
NE indicates that a standard or guideline is "not established" for the referenced parameter.
NA = Not Analyzed NS = Not Specified
Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Excavation/Construction Worker (EXC)
Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1c: SUMMARY OF UPLAND SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location	MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (October 19, 2018)				RB-07	RB-08	RB-09	RB-10	B101
Sample Zone					Upland	Upland	Upland	Upland	Upland
Sample Depth (ft bgs)					0-1	0-1	0-1	0-1	0-2
Exposure Scenario Based on Soil Sample Depth	Residential (0-2 ft bgs)	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected					11/20/2019	11/20/2019	11/20/2019	11/20/2019	12/1/15
Volatile Organic Compounds (VOCs)									
1,2,3-Trimethylbenzene	230	270	290	290	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	180	200	220	220	NA	NA	NA	NA	BRL (0.0044)
1,3,5-Trimethylbenzene	160	170	180	180	NA	NA	NA	NA	BRL (0.0044)
2-Butanone	20,000	25,000	28,000	11,000	NA	NA	NA	NA	BRL (0.0088)
Acetone	52,000	81,000	100,000	98,000	NA	NA	NA	NA	0.068 J
Carbon disulfide	690	720	740	720	NA	NA	NA	NA	BRL (0.0088)
Dichlorodifluoromethane	130	830	550	730	NA	NA	NA	NA	BRL (0.0088)
Ethylbenzene	86	400	380	470	NA	NA	NA	NA	BRL (0.00088)
Isopropylbenzene	NE	NE	NE	NE	NA	NA	NA	NA	BRL (0.00088)
Naphthalene	57	1,300	250	130	NA	NA	NA	NA	BRL (0.0044)
n-Butylbenzene	5,400	15,000	80,000	34,000	NA	NA	NA	NA	BRL (0.00088)
n-Propylbenzene	260	260	260	260	NA	NA	NA	NA	BRL (0.00088)
p/m-Xylene	260	260	260	260	NA	NA	NA	NA	BRL (0.0018)
p-Isopropyltoluene	NE	NE	NE	NE	NA	NA	NA	NA	BRL (0.00088)
sec-Butylbenzene	11,000	30,000	100,000	34,000	NA	NA	NA	NA	BRL (0.00088)
tert-Butylbenzene	NE	NE	NE	NE	NA	NA	NA	NA	BRL (0.0044)
Toluene	750	790	810	820	NA	NA	NA	NA	0.001 J
Xylenes, Total	260	260	260	260	NA	NA	NA	NA	BRL (0.0018)
All Other VOCs	Varies	Varies	Varies	Varies	NA	NA	NA	NA	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges									
Gasoline Range Organics	2,170	3,436	6,379	1,654	NA	NA	NA	NA	NA
Diesel Range Organics	2,170	3,436	6,379	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions									
C5-C8 Aliphatics	1,700	7,500	11,000	430	NA	NA	NA	NA	BRL (3.33)
C9-C12 Aliphatics	2,500	17,000	14,000	2,300	NA	NA	NA	NA	BRL (3.33)
C9-C10 Aromatics	660	4,700	3,500	2,600	NA	NA	NA	NA	BRL (3.33)
Extractable Petroleum Hydrocarbon (EPH) Fractions									
C9-C18 Aliphatics	2,500	17,000	14,000	4,800	NA	NA	NA	NA	BRL (7.75)
C19-C36 Aliphatics	100,000	410,000	100,000	100,000	NA	NA	NA	NA	17.4
C11-C22 Aromatics	2,600	7,300	33,000	74,000	NA	NA	NA	NA	18.3
Target Polycyclic Aromatic Hydrocarbons (PAHs)									
2-Methylnaphthalene	330	930	4,100	960	NA	NA	NA	NA	0.022 J
Acenaphthene	4,900	14,000	62,000	48,000	NA	NA	NA	NA	0.024 J
Acenaphthylene	4,900	14,000	45,000	48,000	NA	NA	NA	NA	0.065
Anthracene	25,000	70,000	100,000	100,000	NA	NA	NA	NA	0.077
Benzo(a)anthracene	16	45	280	1,700	NA	NA	NA	NA	0.385
Benzo(a)pyrene	1.6	4.5	29	9.9	NA	NA	NA	NA	0.466
Benzo(b)fluoranthene	16	45	290	1,700	NA	NA	NA	NA	0.813
Benzo(ghi)perylene	2,500	7,000	23,000	72,000	NA	NA	NA	NA	0.367
Benzo(k)fluoranthene	160	450	2,900	17,000	NA	NA	NA	NA	0.305
Chrysene	1,600	4,500	29,000	100,000	NA	NA	NA	NA	0.542
Dibenzo(a,h)anthracene	1.6	4.5	29	170	NA	NA	NA	NA	0.13
Fluoranthene	3,300	9,300	41,000	24,000	NA	NA	NA	NA	1.26
Fluorene	3,300	9,300	41,000	96,000	NA	NA	NA	NA	0.037
Indeno(1,2,3-cd)Pyrene	16	45	290	1,700	NA	NA	NA	NA	0.227
Naphthalene	57	1,300	250	130	NA	NA	NA	NA	0.028 J
Phenanthrene	2,500	7,000	23,000	72,000	NA	NA	NA	NA	0.848
Pyrene	2,500	7,000	31,000	72,000	NA	NA	NA	NA	0.927
Metals									
Arsenic	9.3	26	41	54	NA	NA	NA	NA	**28**
Barium	21,000	61,000	100,000	20,000	NA	NA	NA	NA	210
Cadmium	98	280	1,400	42	NA	NA	NA	NA	NA
Chromium, Total	100,000	100,000	100,000	27,000	NA	NA	NA	NA	110
Chromium, Hexavalent	4.2	12	89	46	NA	NA	NA	NA	NA
Copper	4,300	12,000	64,000	3,400	NA	NA	NA	NA	NA
Lead	140	290	440	450	NA	NA	NA	NA	**210**
Mercury	3.1	3.1	3.1	3.1	NA	NA	NA	NA	0.29
Nickel	2,100	6,100	32,000	990	NA	NA	NA	NA	NA
Zinc	32,000	91,000	100,000	100,000	NA	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)									
Perfluorobutane sulfonic acid (PFBS)	1,700	4900	22,000	51000	BRL (0.0010)	BRL (0.0010)	BRL (0.00099)	BRL (0.0010)	NA
Perfluorooctane sulfonic acid (PFOS)	1.7	4.9	22	5.1	0.0013 J	BRL (0.0010)	BRL (0.00099)	0.041 J	NA
Perfluorooctanoic acid (PFOA)	1.7	4.9	22	5.1	BRL (0.0010)	BRL (0.0010)	BRL (0.00099)	0.0039 J	NA
MEDEP RAG Exceedance Summary					--	--	--	--	**R, PU**

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for proposed reuse/exposure scenarios for Residential (R), Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1c: SUMMARY OF UPLAND SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location					B102	B103	B104	B105	B107
Sample Zone					Upland	Upland	Upland	Upland	Upland
Sample Depth (ft bgs)					0-2	0-2	0-2	0-2	0-2
Exposure Scenario Based on Soil Sample Depth	Residential (0-2 ft bgs)	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected					12/1/15	12/1/15	12/1/15	12/1/15	12/1/15
Volatile Organic Compounds (VOCs)									
1,2,3-Trimethylbenzene	230	270	290	290	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	180	200	220	220	BRL (0.0056)	BRL (0.0036)	BRL (0.0046)	BRL (0.0058)	BRL (0.0043)
1,3,5-Trimethylbenzene	160	170	180	180	BRL (0.0056)	BRL (0.0036)	BRL (0.0046)	BRL (0.0058)	BRL (0.0043)
2-Butanone	20,000	25,000	28,000	11,000	BRL (0.011)	0.0031 J	0.013	0.023	BRL (0.0085)
Acetone	52,000	81,000	100,000	98,000	0.0041 J	0.022 J	0.075	0.16	0.011 J
Carbon disulfide	690	720	740	720	BRL (0.011)	BRL (0.0073)	BRL (0.0093)	0.0053 J	BRL (0.0085)
Dichlorodifluoromethane	130	830	550	730	BRL (0.011)	BRL (0.0073)	BRL (0.0093)	BRL (0.012)	0.00078 J
Ethylbenzene	86	400	380	470	BRL (0.011)	BRL (0.00073)	BRL (0.00093)	BRL (0.0012)	BRL (0.00085)
Isopropylbenzene	NE	NE	NE	NE	BRL (0.011)	BRL (0.00073)	BRL (0.00093)	BRL (0.0012)	BRL (0.00085)
Naphthalene	57	1,300	250	130	BRL (0.0056)	BRL (0.0036)	BRL (0.0046)	BRL (0.0058)	BRL (0.0043)
n-Butylbenzene	5,400	15,000	80,000	34,000	BRL (0.011)	BRL (0.00073)	BRL (0.00093)	BRL (0.0012)	BRL (0.00085)
n-Propylbenzene	260	260	260	260	BRL (0.011)	BRL (0.00073)	BRL (0.00093)	BRL (0.0012)	BRL (0.00085)
p/m-Xylene	260	260	260	260	BRL (0.0022)	BRL (0.0014)	BRL (0.0018)	BRL (0.0023)	BRL (0.0017)
p-Isopropyltoluene	NE	NE	NE	NE	BRL (0.011)	BRL (0.00073)	BRL (0.00093)	BRL (0.0012)	BRL (0.00085)
sec-Butylbenzene	11,000	30,000	100,000	34,000	BRL (0.011)	BRL (0.00073)	BRL (0.00093)	BRL (0.0012)	BRL (0.00085)
tert-Butylbenzene	NE	NE	NE	NE	BRL (0.0056)	BRL (0.0036)	BRL (0.0046)	BRL (0.0058)	BRL (0.0043)
Toluene	750	790	810	820	0.00094 J	BRL (0.0011)	BRL (0.0014)	0.0017 J	BRL (0.0013)
Xylenes, Total	260	260	260	260	BRL (0.0022)	BRL (0.0014)	BRL (0.0018)	BRL (0.0023)	BRL (0.0017)
All Other VOCs	Varies	Varies	Varies	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges									
Gasoline Range Organics	2,170	3,436	6,379	1,654	NA	NA	NA	NA	NA
Diesel Range Organics	2,170	3,436	6,379	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions									
C5-C8 Aliphatics	1,700	7,500	11,000	430	BRL (3.76)	BRL (2.51)	BRL (2.99)	BRL (5.47)	BRL (2.44)
C9-C12 Aliphatics	2,500	17,000	14,000	2,300	BRL (3.76)	BRL (2.51)	BRL (2.99)	BRL (5.47)	BRL (2.44)
C9-C10 Aromatics	660	4,700	3,500	2,600	BRL (3.76)	BRL (2.51)	BRL (2.99)	BRL (5.47)	BRL (2.44)
Extractable Petroleum Hydrocarbon (EPH) Fractions									
C9-C18 Aliphatics	2,500	17,000	14,000	4,800	BRL (7.49)	8.99	BRL (7.47)	BRL (7.97)	10.1
C19-C36 Aliphatics	100,000	410,000	100,000	100,000	50.9	255	113	25.3	110
C11-C22 Aromatics	2,600	7,300	33,000	74,000	41.1	139	46.7	34.3	61.4
Target Polycyclic Aromatic Hydrocarbons (PAHs)									
2-Methylnaphthalene	330	930	4,100	960	0.096	0.019 J	0.029 J	0.218	0.037
Acenaphthene	4,900	14,000	62,000	48,000	0.192	0.025 J	0.009 J	BRL (0.032)	BRL (0.03)
Acenaphthylene	4,900	14,000	45,000	48,000	0.145	0.058	0.018 J	0.03 J	0.014 J
Anthracene	25,000	70,000	100,000	100,000	0.463	0.155	0.028 J	0.021 J	0.046
Benzo(a)anthracene	16	45	280	1,700	1.23	0.646	0.143	0.135	0.193
Benzo(a)pyrene	1.6	4.5	29	9.9	1.41	0.669	0.179	0.138	0.211
Benzo(b)fluoranthene	16	45	290	1,700	1.79	0.859	0.247	0.232	0.292
Benzo(ghi)perylene	2,500	7,000	23,000	72,000	0.948	0.462	0.147	0.11	0.172
Benzo(k)fluoranthene	160	450	2,900	17,000	0.717	0.306	0.086	0.071	0.107
Chrysene	1,600	4,500	29,000	100,000	1.39	0.646	0.202	0.239	0.212
Dibenzo(a,h)anthracene	1.6	4.5	29	170	0.239	0.112	0.037	0.031 J	0.042
Fluoranthene	3,300	9,300	41,000	24,000	3.12	1.35	0.283	0.214	0.289
Fluorene	3,300	9,300	41,000	96,000	0.198	0.029	0.017 J	0.019 J	BRL (0.03)
Indeno(1,2,3-cd)Pyrene	16	45	290	1,700	0.918	0.502	0.08	0.088	0.148
Naphthalene	57	1,300	250	130	0.119	0.03	0.037	0.128	0.034
Phenanthrene	2,500	7,000	23,000	72,000	2.44	0.684	0.186	0.258	0.23
Pyrene	2,500	7,000	31,000	72,000	2.72	1.12	0.246	0.233	0.25
Metals									
Arsenic	9.3	26	41	54	**13**	9.2	**21**	**9.6**	**15**
Barium	21,000	61,000	100,000	20,000	81	47	63	77	31
Cadmium	98	280	1,400	42	NA	NA	NA	NA	NA
Chromium, Total	100,000	100,000	100,000	27,000	61	37	270	39	24
Chromium, Hexavalent	4.2	12	89	46	NA	BRL (0.88)	NA	NA	NA
Copper	4,300	12,000	64,000	3,400	NA	NA	NA	NA	NA
Lead	140	290	440	450	110	32	45	21	9 J
Mercury	3.1	3.1	3.1	3.1	0.2	0.11	0.12	0.14	0.04
Nickel	2,100	6,100	32,000	990	NA	NA	NA	NA	NA
Zinc	32,000	91,000	100,000	100,000	NA	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)									
Perfluorobutane sulfonic acid (PFBS)	1,700	4900	22,000	51000	NA	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	1.7	4.9	22	5.1	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	1.7	4.9	22	5.1	NA	NA	NA	NA	NA
MEDEP RAG Exceedance Summary					**R**	**--**	**R**	**R**	**R**

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for proposed reuse/exposure scenarios for Residential (R), Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1c: SUMMARY OF UPLAND SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location					B108	B109	B111	B112	B113
Sample Zone					Upland	Upland	Upland	Upland	Upland
Sample Depth (ft bgs)					0-2	0-2	0-2	0-2	0-2
Exposure Scenario Based on Soil Sample Depth	Residential (0-2 ft bgs)	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected					12/2/15	12/2/15	12/2/15	12/2/15	12/2/15
Volatile Organic Compounds (VOCs)									
1,2,3-Trimethylbenzene	230	270	290	290	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	180	200	220	220	BRL (0.005)	BRL (0.0046)	BRL (0.0041)	0.150 J	0.003 J
1,3,5-Trimethylbenzene	160	170	180	180	BRL (0.005)	BRL (0.0046)	BRL (0.0041)	0.058 J	BRL (0.0035)
2-Butanone	20,000	25,000	28,000	11,000	BRL (0.01)	0.0042 J	BRL (0.0082)	BRL (0.066)	0.0063 J
Acetone	52,000	81,000	100,000	98,000	0.014 J	0.054	0.0056 J	0.210 J	0.045
Carbon disulfide	690	720	740	720	0.0022 J	0.0062 J	0.0015 J	BRL (0.66)	0.0019 J
Dichlorodifluoromethane	130	830	550	730	BRL (0.01)	BRL (0.0093)	BRL (0.0082)	BRL (0.66)	BRL (0.0071)
Ethylbenzene	86	400	380	470	BRL (0.001)	BRL (0.00093)	BRL (0.00082)	BRL (0.066)	BRL (0.00071)
Isopropylbenzene	NE	NE	NE	NE	BRL (0.001)	BRL (0.00093)	BRL (0.00082)	0.081	BRL (0.00071)
Naphthalene	57	1,300	250	130	BRL (0.005)	BRL (0.0046)	BRL (0.0041)	0.098 J	0.001 J
n-Butylbenzene	5,400	15,000	80,000	34,000	BRL (0.001)	BRL (0.00093)	BRL (0.00082)	0.043 J	0.0013
n-Propylbenzene	260	260	260	260	BRL (0.001)	BRL (0.00093)	BRL (0.00082)	BRL (0.066)	BRL (0.00071)
p/m-Xylene	260	260	260	260	BRL (0.002)	BRL (0.0019)	BRL (0.0016)	BRL (0.13)	BRL (0.0014)
p-Isopropyltoluene	NE	NE	NE	NE	BRL (0.001)	BRL (0.00093)	BRL (0.00082)	0.13	0.00098
sec-Butylbenzene	11,000	30,000	100,000	34,000	BRL (0.001)	BRL (0.00093)	BRL (0.00082)	0.17	0.0009
tert-Butylbenzene	NE	NE	NE	NE	BRL (0.005)	BRL (0.0046)	BRL (0.0041)	0.084 J	BRL (0.0035)
Toluene	750	790	810	820	0.0029	BRL (0.0014)	0.0006 J	BRL (0.1)	0.0028
Xylenes, Total	260	260	260	260	BRL (0.002)	BRL (0.0019)	BRL (0.0016)	BRL (0.13)	BRL (0.0014)
All Other VOCs	Varies	Varies	Varies	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges									
Gasoline Range Organics	2,170	3,436	6,379	1,654	NA	NA	NA	NA	NA
Diesel Range Organics	2,170	3,436	6,379	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions									
C5-C8 Aliphatics	1,700	7,500	11,000	430	BRL (2.37)	BRL (3.14)	BRL (2.79)	BRL (3.49)	BRL (2.44)
C9-C12 Aliphatics	2,500	17,000	14,000	2,300	BRL (2.37)	BRL (3.14)	BRL (2.79)	41.4	BRL (2.44)
C9-C10 Aromatics	660	4,700	3,500	2,600	BRL (2.37)	BRL (3.14)	BRL (2.79)	23.9	BRL (2.44)
Extractable Petroleum Hydrocarbon (EPH) Fractions									
C9-C18 Aliphatics	2,500	17,000	14,000	4,800	BRL (6.81)	7.85	BRL (8.02)	240	BRL (7.09)
C19-C36 Aliphatics	100,000	410,000	100,000	100,000	BRL (6.81)	160	11	89.4	BRL (7.09)
C11-C22 Aromatics	2,600	7,300	33,000	74,000	BRL (6.81)	38	BRL (8.02)	51.3	BRL (7.09)
Target Polycyclic Aromatic Hydrocarbons (PAHs)									
2-Methylnaphthalene	330	930	4,100	960	BRL (0.027)	0.024 J	BRL (0.032)	0.042	BRL (0.028)
Acenaphthene	4,900	14,000	62,000	48,000	BRL (0.027)	0.048	BRL (0.032)	0.042	BRL (0.028)
Acenaphthylene	4,900	14,000	45,000	48,000	BRL (0.027)	0.046	BRL (0.032)	0.106	BRL (0.028)
Anthracene	25,000	70,000	100,000	100,000	BRL (0.027)	0.182	BRL (0.032)	0.149	BRL (0.028)
Benzo(a)anthracene	16	45	280	1,700	BRL (0.027)	0.511	BRL (0.032)	0.55	BRL (0.028)
Benzo(a)pyrene	1.6	4.5	29	9.9	BRL (0.027)	0.574	BRL (0.032)	0.98	BRL (0.028)
Benzo(b)fluoranthene	16	45	290	1,700	BRL (0.027)	0.68	BRL (0.032)	1.25	BRL (0.028)
Benzo(ghi)perylene	2,500	7,000	23,000	72,000	BRL (0.027)	0.537	BRL (0.032)	0.657	BRL (0.028)
Benzo(k)fluoranthene	160	450	2,900	17,000	BRL (0.027)	0.245	BRL (0.032)	0.459	BRL (0.028)
Chrysene	1,600	4,500	29,000	100,000	BRL (0.027)	0.579	BRL (0.032)	0.766	BRL (0.028)
Dibenzo(a,h)anthracene	1.6	4.5	29	170	BRL (0.027)	0.164	BRL (0.032)	0.181	BRL (0.028)
Fluoranthene	3,300	9,300	41,000	24,000	BRL (0.027)	1.12	BRL (0.032)	0.975	BRL (0.028)
Fluorene	3,300	9,300	41,000	96,000	BRL (0.027)	0.056	BRL (0.032)	0.06	BRL (0.028)
Indeno(1,2,3-cd)Pyrene	16	45	290	1,700	BRL (0.027)	0.472	BRL (0.032)	0.749	BRL (0.028)
Naphthalene	57	1,300	250	130	BRL (0.027)	0.04	BRL (0.032)	0.118	BRL (0.028)
Phenanthrene	2,500	7,000	23,000	72,000	BRL (0.027)	0.798	BRL (0.032)	0.596	BRL (0.028)
Pyrene	2,500	7,000	31,000	72,000	BRL (0.027)	0.974	BRL (0.032)	1.04	BRL (0.028)
Metals									
Arsenic	9.3	26	41	54	**16**	**21**	**23**	**11**	8.1
Barium	21,000	61,000	100,000	20,000	32	58	27	37	26
Cadmium	98	280	1,400	42	NA	NA	NA	NA	NA
Chromium, Total	100,000	100,000	100,000	27,000	27	30	130	72	17
Chromium, Hexavalent	4.2	12	89	46	NA	NA	BRL (0.19)	NA	NA
Copper	4,300	12,000	64,000	3,400	NA	NA	NA	NA	NA
Lead	140	290	440	450	BRL (2)	36	2.5	17	BRL (2.1)
Mercury	3.1	3.1	3.1	3.1	BRL (0.07)	0.07 J	0.06 J	0.09	BRL (0.08)
Nickel	2,100	6,100	32,000	990	NA	NA	NA	NA	NA
Zinc	32,000	91,000	100,000	100,000	NA	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)									
Perfluorobutane sulfonic acid (PFBS)	1,700	4900	22,000	51000	NA	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	1.7	4.9	22	5.1	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	1.7	4.9	22	5.1	NA	NA	NA	NA	NA
MEDEP RAG Exceedance Summary					**R**	**R**	**R**	**R**	**--**

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for proposed reuse/exposure scenarios for Residential (R), Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1c: SUMMARY OF UPLAND SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location					B117	XRF-2	XRF-3	XRF-7C	XRF-15
Sample Zone					Upland	Upland	Upland	Upland	Upland
Sample Depth (ft bgs)					0-2	0-0.5	0-0.5	0-0.5	0-0.5
Exposure Scenario Based on Soil Sample Depth	Residential (0-2 ft bgs)	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected					12/1/15	8/1/00	8/1/00	8/1/00	8/1/00
Volatile Organic Compounds (VOCs)									
1,2,3-Trimethylbenzene	230	270	290	290	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	180	200	220	220	BRL (0.0058)	NA	NA	NA	NA
1,3,5-Trimethylbenzene	160	170	180	180	BRL (0.0058)	NA	NA	NA	NA
2-Butanone	20,000	25,000	28,000	11,000	BRL (0.012)	NA	NA	NA	NA
Acetone	52,000	81,000	100,000	98,000	0.021 J	NA	NA	NA	NA
Carbon disulfide	690	720	740	720	BRL (0.012)	NA	NA	NA	NA
Dichlorodifluoromethane	130	830	550	730	BRL (0.012)	NA	NA	NA	NA
Ethylbenzene	86	400	380	470	BRL (0.0012)	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NE	BRL (0.0012)	NA	NA	NA	NA
Naphthalene	57	1,300	250	130	0.0063	NA	NA	NA	NA
n-Butylbenzene	5,400	15,000	80,000	34,000	BRL (0.0012)	NA	NA	NA	NA
n-Propylbenzene	260	260	260	260	BRL (0.0012)	NA	NA	NA	NA
p/m-Xylene	260	260	260	260	BRL (0.0023)	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NE	NE	BRL (0.0012)	NA	NA	NA	NA
sec-Butylbenzene	11,000	30,000	100,000	34,000	BRL (0.0012)	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NE	NE	BRL (0.0058)	NA	NA	NA	NA
Toluene	750	790	810	820	0.0007 J	NA	NA	NA	NA
Xylenes, Total	260	260	260	260	BRL (0.0023)	NA	NA	NA	NA
All Other VOCs	Varies	Varies	Varies	Varies	BRL (Varies)	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) Ranges									
Gasoline Range Organics	2,170	3,436	6,379	1,654	NA	NA	NA	NA	NA
Diesel Range Organics	2,170	3,436	6,379	1,654	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions									
C5-C8 Aliphatics	1,700	7,500	11,000	430	BRL (5.76)	NA	NA	NA	NA
C9-C12 Aliphatics	2,500	17,000	14,000	2,300	BRL (5.76)	NA	NA	NA	NA
C9-C10 Aromatics	660	4,700	3,500	2,600	BRL (5.76)	NA	NA	NA	NA
Extractable Petroleum Hydrocarbon (EPH) Fractions									
C9-C18 Aliphatics	2,500	17,000	14,000	4,800	BRL (7.97)	NA	NA	NA	NA
C19-C36 Aliphatics	100,000	410,000	100,000	100,000	112	NA	NA	NA	NA
C11-C22 Aromatics	2,600	7,300	33,000	74,000	76.8	NA	NA	NA	NA
Target Polycyclic Aromatic Hydrocarbons (PAHs)									
2-Methylnaphthalene	330	930	4,100	960	0.224	NA	NA	NA	NA
Acenaphthene	4,900	14,000	62,000	48,000	0.395	NA	NA	NA	NA
Acenaphthylene	4,900	14,000	45,000	48,000	0.072	NA	NA	NA	NA
Anthracene	25,000	70,000	100,000	100,000	0.651	NA	NA	NA	NA
Benzo(a)anthracene	16	45	280	1,700	1.44	NA	NA	NA	NA
Benzo(a)pyrene	1.6	4.5	29	9.9	1.38	NA	NA	NA	NA
Benzo(b)fluoranthene	16	45	290	1,700	1.68	NA	NA	NA	NA
Benzo(ghi)perylene	2,500	7,000	23,000	72,000	0.9	NA	NA	NA	NA
Benzo(k)fluoranthene	160	450	2,900	17,000	0.647	NA	NA	NA	NA
Chrysene	1,600	4,500	29,000	100,000	1.41	NA	NA	NA	NA
Dibenzo(a,h)anthracene	1.6	4.5	29	170	0.244	NA	NA	NA	NA
Fluoranthene	3,300	9,300	41,000	24,000	3.04	NA	NA	NA	NA
Fluorene	3,300	9,300	41,000	96,000	0.446	NA	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	16	45	290	1,700	0.994	NA	NA	NA	NA
Naphthalene	57	1,300	250	130	0.442	NA	NA	NA	NA
Phenanthrene	2,500	7,000	23,000	72,000	3.02	NA	NA	NA	NA
Pyrene	2,500	7,000	31,000	72,000	2.5	NA	NA	NA	NA
Metals									
Arsenic	9.3	26	41	54	**21**	BRL (3)	**16**	**91**	**11**
Barium	21,000	61,000	100,000	20,000	58	BRL (4)	77	400	40
Cadmium	98	280	1,400	42	NA	BRL (8)	2.3	13	BRL (8)
Chromium, Total	100,000	100,000	100,000	27,000	270	26,000	770	1,200	56
Chromium, Hexavalent	4.2	12	89	46	BRL (1.1)	NA	NA	NA	NA
Copper	4,300	12,000	64,000	3,400	NA	BRL (2)	110	710	26
Lead	140	290	440	450	120	2	62	**1,500**	32
Mercury	3.1	3.1	3.1	3.1	0.48	BRL (1)	0.2	1.6	0.3
Nickel	2,100	6,100	32,000	990	NA	BRL (5)	93	120	20
Zinc	32,000	91,000	100,000	100,000	NA	BRL (8)	800	4,700	85
Per- and Poly Fluoroalkyl Substances (PFAS)									
Perfluorobutane sulfonic acid (PFBS)	1,700	4900	22,000	51000	NA	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	1.7	4.9	22	5.1	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	1.7	4.9	22	5.1	NA	NA	NA	NA	NA
MEDEP RAG Exceedance Summary					**R**	**--**	**R**	**R, PU, OC, EXC**	**R**

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for proposed reuse/exposure scenarios for Residential (R), Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1c: SUMMARY OF UPLAND SURFICIAL SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location					GP-8	GP-9
Sample Zone					Upland	Upland
Sample Depth (ft bgs)					Unknown	Unknown
Exposure Scenario Based on Soil Sample Depth	Residential (0-2 ft bgs)	Park User (0-2 ft bgs)	Outdoor Commercial Worker (0-2 ft bgs)	Excavation/ Construction Worker (all soil depths)	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Park User, Outdoor Commercial Worker & Excavation/ Construction Worker
Date Collected					8/1/00	8/1/00
Volatile Organic Compounds (VOCs)						
1,2,3-Trimethylbenzene	230	270	290	290	NA	NA
1,2,4-Trimethylbenzene	180	200	220	220	NA	NA
1,3,5-Trimethylbenzene	160	170	180	180	NA	NA
2-Butanone	20,000	25,000	28,000	11,000	NA	NA
Acetone	52,000	81,000	100,000	98,000	NA	NA
Carbon disulfide	690	720	740	720	NA	NA
Dichlorodifluoromethane	130	830	550	730	NA	NA
Ethylbenzene	86	400	380	470	NA	NA
Isopropylbenzene	NE	NE	NE	NE	NA	NA
Naphthalene	57	1,300	250	130	NA	NA
n-Butylbenzene	5,400	15,000	80,000	34,000	NA	NA
n-Propylbenzene	260	260	260	260	NA	NA
p/m-Xylene	260	260	260	260	NA	NA
p-Isopropyltoluene	NE	NE	NE	NE	NA	NA
sec-Butylbenzene	11,000	30,000	100,000	34,000	NA	NA
tert-Butylbenzene	NE	NE	NE	NE	NA	NA
Toluene	750	790	810	820	NA	NA
Xylenes, Total	260	260	260	260	NA	NA
All Other VOCs	Varies	Varies	Varies	Varies	NA	NA
Total Petroleum Hydrocarbons (TPH) Ranges						
Gasoline Range Organics	2,170	3,436	6,379	1,654	**30,000**	88.1
Diesel Range Organics	2,170	3,436	6,379	1,654	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions						
C5-C8 Aliphatics	1,700	7,500	11,000	430	NA	NA
C9-C12 Aliphatics	2,500	17,000	14,000	2,300	NA	NA
C9-C10 Aromatics	660	4,700	3,500	2,600	NA	NA
Extractable Petroleum Hydrocarbon (EPH) Fractions						
C9-C18 Aliphatics	2,500	17,000	14,000	4,800	NA	NA
C19-C36 Aliphatics	100,000	410,000	100,000	100,000	NA	NA
C11-C22 Aromatics	2,600	7,300	33,000	74,000	NA	NA
Target Polycyclic Aromatic Hydrocarbons (PAHs)						
2-Methylnaphthalene	330	930	4,100	960	NA	NA
Acenaphthene	4,900	14,000	62,000	48,000	NA	NA
Acenaphthylene	4,900	14,000	45,000	48,000	NA	NA
Anthracene	25,000	70,000	100,000	100,000	NA	NA
Benzo(a)anthracene	16	45	280	1,700	NA	NA
Benzo(a)pyrene	1.6	4.5	29	9.9	NA	NA
Benzo(b)fluoranthene	16	45	290	1,700	NA	NA
Benzo(ghi)perylene	2,500	7,000	23,000	72,000	NA	NA
Benzo(k)fluoranthene	160	450	2,900	17,000	NA	NA
Chrysene	1,600	4,500	29,000	100,000	NA	NA
Dibenzo(a,h)anthracene	1.6	4.5	29	170	NA	NA
Fluoranthene	3,300	9,300	41,000	24,000	NA	NA
Fluorene	3,300	9,300	41,000	96,000	NA	NA
Indeno(1,2,3-cd)Pyrene	16	45	290	1,700	NA	NA
Naphthalene	57	1,300	250	130	NA	NA
Phenanthrene	2,500	7,000	23,000	72,000	NA	NA
Pyrene	2,500	7,000	31,000	72,000	NA	NA
Metals						
Arsenic	9.3	26	41	54	**20**	NA
Barium	21,000	61,000	100,000	20,000	93	NA
Cadmium	98	280	1,400	42	0.8	NA
Chromium, Total	100,000	100,000	100,000	27,000	100	NA
Chromium, Hexavalent	4.2	12	89	46	NA	NA
Copper	4,300	12,000	64,000	3,400	69	NA
Lead	140	290	440	450	52	NA
Mercury	3.1	3.1	3.1	3.1	0.2	NA
Nickel	2,100	6,100	32,000	990	11	NA
Zinc	32,000	91,000	100,000	100,000	71	NA
Per- and Poly Fluoroalkyl Substances (PFAS)						
Perfluorobutane sulfonic acid (PFBS)	1,700	4900	22,000	51000	NA	NA
Perfluorooctane sulfonic acid (PFOS)	1.7	4.9	22	5.1	NA	NA
Perfluorooctanoic acid (PFOA)	1.7	4.9	22	5.1	NA	NA
MEDEP RAG Exceedance Summary					**R, PU, OC, EXC**	**--**

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for proposed reuse/exposure scenarios for Residential (R), Park User (PU), Outdoor Commercial Worker (OC), and/or Excavation/Constructio

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for r

TABLE 1d: SUMMARY OF UPLAND SUBSURFACE SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location	MEDEP Remedial Action Guidelines (October 19, 2018)	B115	B106	B110	B114
Sample Zone		Upland	Upland	Upland	Upland
Sample Depth (ft bgs)	Excavation/ Construction Worker (all soil depths)	8-12	4-8	4-8	4-8
Exposure Scenario Based on Soil Sample Depth		Excavation/ Construction Worker	Excavation/ Construction Worker	Excavation/ Construction Worker	Excavation/ Construction Worker
Date Collected		12/2/15	12/1/15	12/2/15	12/1/15
Volatile Organic Compounds (VOCs)					
1,2,3-Trimethylbenzene	290	NA	NA	NA	NA
1,2,4-Trimethylbenzene	220	2.0 J	0.180 J	35	0.56
1,3,5-Trimethylbenzene	180	BRL (2.5)	BRL (0.0058)	BRL (6.1)	BRL (0.4)
2-Butanone	11,000	BRL (5.1)	BRL (0.52)	BRL (12)	BRL (0.8)
Acetone	98,000	BRL (18)	BRL (1.9)	BRL (44)	BRL (2.9)
Carbon disulfide	720	BRL (5.1)	BRL (0.52)	BRL (12)	BRL (0.8)
Dichlorodifluoromethane	730	BRL (5.1)	BRL (0.52)	BRL (12)	BRL (0.8)
Ethylbenzene	470	0.320 J	BRL (0.0058)	BRL (1.2)	BRL (0.4)
Isopropylbenzene	NE	2.4	BRL (0.052)	2.5	0.063 J
Naphthalene	130	6.7	0.190 J	4.1 J	0.200 J
n-Butylbenzene	34,000	3.6	0.065	5.7	0.17
n-Propylbenzene	260	5.9	0.049 J	4.4	0.17
p/m-Xylene	260	0.330 J	BRL (0.1)	BRL (2.4)	BRL (0.16)
p-Isopropyltoluene	NE	0.69	BRL (0.052)	6.6	0.15
sec-Butylbenzene	34,000	4.6	0.043 J	8.4	0.18
tert-Butylbenzene	NE	1.200 J	BRL (0.0058)	2.100 J	BRL (0.4)
Toluene	820	0.460 J	BRL (0.078)	BRL (1.8)	BRL (0.12)
Xylenes, Total	260	0.330 J	BRL (0.1)	BRL (2.4)	BRL (0.16)
All Other VOCs	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges					
Gasoline Range Organics	1,654	NA	NA	NA	NA
Diesel Range Organics	1,654	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions					
C5-C8 Aliphatics	430	BRL (134)	BRL (2.59)	BRL (153)	BRL (4.02)
C9-C12 Aliphatics	2,300	947	4.97	1540	48.4
C9-C10 Aromatics	2,600	554	6.75	1090	26.6
Extractable Petroleum Hydrocarbon (EPH) Fractions					
C9-C18 Aliphatics	4,800	102	104	626	47.2
C19-C36 Aliphatics	100,000	43.4	132	10.2	27
C11-C22 Aromatics	74,000	20.8	213	13.8	15.9
Target Polycyclic Aromatic Hydrocarbons (PAHs)					
2-Methylnaphthalene	960	0.114	0.873	0.106	0.031
Acenaphthene	48,000	0.01 J	0.106	0.014 J	BRL (0.03)
Acenaphthylene	48,000	0.007 J	BRL (0.028)	0.009 J	0.009 J
Anthracene	100,000	BRL (0.031)	0.08	0.039	0.01 J
Benzo(a)anthracene	1,700	0.048	0.092	0.084	0.047
Benzo(a)pyrene	9.9	0.047	0.066	0.078	0.046
Benzo(b)fluoranthene	1,700	0.07	0.031	0.108	0.072
Benzo(ghi)perylene	72,000	0.036	BRL (0.028)	0.054	0.039
Benzo(k)fluoranthene	17,000	0.026 J	BRL (0.028)	0.045	0.026 J
Chrysene	100,000	0.065	0.173	0.086	0.054
Dibenzo(a,h)anthracene	170	BRL (0.031)	BRL (0.028)	0.012 J	0.01 J
Fluoranthene	24,000	0.123	0.034	0.246	0.1
Fluorene	96,000	BRL (0.031)	BRL (0.028)	0.029	0.009 J
Indeno(1,2,3-cd)Pyrene	1,700	0.037	BRL (0.028)	0.065	0.033
Naphthalene	130	1.24	BRL (0.028)	0.639	0.298
Phenanthrene	72,000	0.09	0.546	0.152	0.045
Pyrene	72,000	0.099	0.181	0.192	0.086
Metals					
Arsenic	54	12	4.8	27	9
Barium	20,000	35	34	43	37
Cadmium	42	NA	NA	NA	NA
Chromium, Total	27,000	150	17	26	48
Chromium, Hexavalent	46	BRL (0.84)	NA	BRL (0.89)	NA
Copper	3,400	NA	NA	NA	NA
Lead	450	4.7	2 J	BRL (21)	12
Mercury	3.1	0.06 J	BRL (0.07)	BRL (0.07)	0.03 J
Nickel	990	NA	NA	NA	NA
Zinc	100,000	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)					
Perfluorobutane sulfonic acid (PFBS)	51000	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	5.1	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	5.1	NA	NA	NA	NA
MEDEP RAG Exceedance Summary		--	--	--	--

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

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NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for proposed reuse/exposure scenarios for Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 1d: SUMMARY OF UPLAND SUBSURFACE SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Location		GP-5	GP-5	GP-8	GP-9
Sample Zone		Upland	Upland	Upland	Upland
Sample Depth (ft bgs)	Excavation/ Construction Worker (all soil depths)	4-8	8-12	Unknown	Unknown
Exposure Scenario Based on Soil Sample Depth		Excavation/ Construction Worker	Excavation/ Construction Worker	Excavation/ Construction Worker	Excavation/ Construction Worker
Date Collected		8/1/00	8/1/00	8/1/00	8/1/00
Volatile Organic Compounds (VOCs)					
1,2,3-Trimethylbenzene	290	7.5	1.1	NA	NA
1,2,4-Trimethylbenzene	220	NA	NA	NA	NA
1,3,5-Trimethylbenzene	180	18	2.1	NA	NA
2-Butanone	11,000	NA	NA	NA	NA
Acetone	98,000	NA	NA	NA	NA
Carbon disulfide	720	NA	NA	NA	NA
Dichlorodifluoromethane	730	NA	NA	NA	NA
Ethylbenzene	470	0.93	0.062	NA	NA
Isopropylbenzene	NE	NA	NA	NA	NA
Naphthalene	130	0.065	21	NA	NA
n-Butylbenzene	34,000	NA	NA	NA	NA
n-Propylbenzene	260	NA	NA	NA	NA
p/m-Xylene	260	0.6	0.058	NA	NA
p-Isopropyltoluene	NE	NA	NA	NA	NA
sec-Butylbenzene	34,000	NA	NA	NA	NA
tert-Butylbenzene	NE	NA	NA	NA	NA
Toluene	820	0.15	NA	NA	NA
Xylenes, Total	260	2.6	0.338	NA	NA
All Other VOCs	Varies	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) Ranges					
Gasoline Range Organics	1,654	**24,000**	220	**30,000**	88.1
Diesel Range Organics	1,654	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions					
C5-C8 Aliphatics	430	NA	NA	NA	NA
C9-C12 Aliphatics	2,300	NA	NA	NA	NA
C9-C10 Aromatics	2,600	NA	NA	NA	NA
Extractable Petroleum Hydrocarbon (EPH) Fractions					
C9-C18 Aliphatics	4,800	NA	NA	NA	NA
C19-C36 Aliphatics	100,000	NA	NA	NA	NA
C11-C22 Aromatics	74,000	NA	NA	NA	NA
Target Polycyclic Aromatic Hydrocarbons (PAHs)					
2-Methylnaphthalene	960	NA	NA	NA	NA
Acenaphthene	48,000	NA	NA	NA	NA
Acenaphthylene	48,000	NA	NA	NA	NA
Anthracene	100,000	NA	NA	NA	NA
Benzo(a)anthracene	1,700	NA	NA	NA	NA
Benzo(a)pyrene	9.9	NA	NA	NA	NA
Benzo(b)fluoranthene	1,700	NA	NA	NA	NA
Benzo(ghi)perylene	72,000	NA	NA	NA	NA
Benzo(k)fluoranthene	17,000	NA	NA	NA	NA
Chrysene	100,000	NA	NA	NA	NA
Dibenzo(a,h)anthracene	170	NA	NA	NA	NA
Fluoranthene	24,000	NA	NA	NA	NA
Fluorene	96,000	NA	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	1,700	NA	NA	NA	NA
Naphthalene	130	NA	NA	NA	NA
Phenanthrene	72,000	NA	NA	NA	NA
Pyrene	72,000	NA	NA	NA	NA
Metals					
Arsenic	54	NA	NA	20	NA
Barium	20,000	NA	NA	93	NA
Cadmium	42	NA	NA	0.8	NA
Chromium, Total	27,000	NA	NA	100	NA
Chromium, Hexavalent	46	NA	NA	NA	NA
Copper	3,400	NA	NA	69	NA
Lead	450	NA	NA	52	NA
Mercury	3.1	NA	NA	0.2	NA
Nickel	990	NA	NA	11	NA
Zinc	100,000	NA	NA	71	NA
Per- and Poly Fluoroalkyl Substances (PFAS)					
Perfluorobutane sulfonic acid (PFBS)	51000	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	5.1	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	5.1	NA	NA	NA	NA
		EXC	--	**EXC**	--

Notes:

mg/kg = milligrams per kilogram

BRL = Below the laboratory reporting limit ; NA= Not Analyzed; NE= Indicates that a standard or guideline is "not established" for the referenced parameter.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

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NA = Not Analyzed NS = Not Specified

Values in **bold** text exceed applicable MEDEP RAGs for proposed reuse/exposure scenarios for Excavation/Construction Worker (EXC)

Due to laboratory quality control issues, MEDEP determined the 2019 data for PFAS and Hexavalent Chromium did not pass quality assurance standards for usability. These values are shown for reference only.

TABLE 2: SUMMARY OF PORE WATER SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Pore Water Sample Identification	EPA's Ambient Water Quality Criteria (ug/L)		PW-01	PW-02	PW-02D	PW-03	PW101	PW102	PW-BK1	PW-101	PW-101	PW-102	PW-102
Contractor	**Aquatic Life Criteria**		**KGSNE**	**KGSNE**	**KGSNE**	**KGSNE**	**Ransom**	**Ransom**	**Ransom**	**Summit**	**Summit**	**Summit**	**Summit**
Date Collected	**Acute**	**Chronic**	**11/22/2019**	**11/22/2019**	**11/22/2019**	**11/22/2019**	**12/1/2015**	**12/1/2015**	**12/1/2015**	**7/15/2008**	**1/5/2009**	**7/15/2008**	**1/5/2009**
Volatile Organic Compounds (VOCs)													
sec-Butylbenzene	NE	NE	BRL (1)	BRL (1)	BRL (1)	1.7	BRL (0.5)	0.5	BRL (0.5)	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	BRL (1)	BRL (1)	BRL (1)	2	BRL (1)	BRL (1)	BRL (1)	NA	NA	NA	NA
Toluene	NE	NE	BRL (1)	BRL (1)	BRL (1)	BRL (1)	0.35 J	0.33 J	0.24 J	NA	NA	NA	NA
All Other VOCs	Varies	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) Ranges													
Diesel Range Organics	NE	NE	NA	NA	NA	NA	NA	NA	NA	BRL (NS)	BRL (NS)	591	BRL (NS)
Target Polycyclic Aromatic Hydrocarbons (PAHs)													
All Target PAHs	Varies	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	NA	NA	NA	NA
Extractable Petroleum Hydrocarbon (EPH) Fractions													
All EPH Fractions	NE	NE	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (100)	BRL (100)	BRL (100)	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions													
C5-C8 Aliphatics	NE	NE	BRL (100)	BRL (100)	BRL (100)	BRL (100)	BRL (50)	BRL (50)	BRL (50)	NA	NA	NA	NA
C9-C12 Aliphatics	NE	NE	BRL (100)	BRL (100)	BRL (100)	150	BRL (50)	BRL (50)	BRL (50)	NA	NA	NA	NA
C9-C10 Aromatics	NE	NE	BRL (100)	BRL (100)	BRL (100)	BRL (100)	BRL (50)	BRL (50)	BRL (50)	NA	NA	NA	NA
Metals													
Arsenic, Dissolved	340	150	5	BRL (1)	1	1.3	BRL (5)	BRL (5)	BRL (5)	NA	NA	NA	NA
Barium, Dissolved	NE	NE	39	25	27	32	BRL (0.01)	BRL (0.01)	0.0036 J	NA	NA	NA	NA
Total Chromium, Dissolved	16	11	BRL (1)	2.5	2.5	3.8	BRL (0.01)	BRL (0.01)	0.0084 J	NA	NA	NA	NA
All Other Metals	Varies	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)													
Perfluorobutane sulfonic acid (PFBS)	NE	NE	0.0026	0.0064	0.0066	0.009	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	NE	NE	0.190 J	0.480 J	0.440 J	0.300 J	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	NE	NE	0.046	0.18	0.18	0.062	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NE	NE	BRL (0.0018)	0.0033	0.0032	BRL (0.002)	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NE	NE	0.02	0.059	0.056	0.078	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NE	NE	0.0062	0.016	0.016	0.0072	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NE	NE	0.0049	0.0092	0.0098	0.013	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	NE	NE	BRL (0.0018)	0.0023	BRL (0.002)	BRL (0.002)	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	NE	NE	0.008	BRL (0.002)	BRL (0.002)	0.0037	NA	NA	NA	NA	NA	NA	NA
All Other PFAS	NE	NE	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	NA	NA	NA	NA	NA	NA	NA

NOTES:

ug/L = micrograms per liter

BRL = Not detected above laboratory reporting limit as noted in parenthesis.

NA indicates that a sample was not analyzed for the specified parameter.

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NS indicates that the reporting limit was not specified.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

Values in **bold** text exceed US EPA's Ambient Water Quality Criteria.

Chromium lab results compared to the most stringent Chromium VI EPA Ambient Quality Aquatic Life Criteria Table (Freshwater).

TABLE 2: SUMMARY OF PORE WATER SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Pore Water Sample Identification	EPA's Ambient Water Quality Criteria (ug/L)		PW-103	PW-103	PW-1	PW-2	PW-3	PW-4	PW-5 (Background)	PW-6	PW-7	PW-8
Contractor	**Aquatic Life Criteria**		**Summit**	**Summit**	**Summit**	**Summit**	**Summit**	**Summit**	**Summit**	**Summit**	**Summit**	**Summit**
Date Collected	**Acute**	**Chronic**	**7/15/2008**	**1/5/2009**	**2/2/2006**	**2/2/2006**	**2/2/2006**	**2/2/2006**	**2/2/2006**	**2/2/2006**	**2/2/2006**	**2/2/2006**
Volatile Organic Compounds (VOCs)												
sec-Butylbenzene	NE	NE	NA	NA	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	1 J	BRL (NS)	BRL (NS)
tert-Butylbenzene	NE	NE	NA	NA	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)
Toluene	NE	NE	NA	NA	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)	BRL (NS)
All Other VOCs	Varies	Varies	NA	NA	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges												
Diesel Range Organics	NE	NE	546	182	BRL (NS)	157	78	BRL (NS)	BRL (NS)	88	59	BRL (NS)
Target Polycyclic Aromatic Hydrocarbons (PAHs)												
All Target PAHs	Varies	Varies	NA	NA	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Extractable Petroleum Hydrocarbon (EPH) Fractions												
All EPH Fractions	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Petroleum Hydrocarbon (VPH) Fractions												
C5-C8 Aliphatics	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals												
Arsenic, Dissolved	340	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium, Dissolved	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Chromium, Dissolved	16	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
All Other Metals	Varies	Varies	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Per- and Poly Fluoroalkyl Substances (PFAS)												
Perfluorobutane sulfonic acid (PFBS)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonic acid (PFOS)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
All Other PFAS	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

ug/L = micrograms per liter

BRL = Not detected above laboratory reporting limit as noted in parenthesis.

NA indicates that a sample was not analyzed for the specified parameter.

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NS indicates that the reporting limit was not specified.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

Values in **bold** text exceed US EPA's Ambient Water Quality Criteria.

Chromium lab results compared to the most stringent Chromium VI EPA Ambient Quality Aquatic Life Criteria Table (Freshwater).

TABLE 3: SUMMARY OF SOIL VAPOR SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Sample Identification	SV101	SV102	SV103	MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (October 19, 2018)[1]	
Sample Depth (feet bgs)	2	2	1.5	Soil Gas Targets Residential	Soil Gas Targets Commercial
Sample Date	12/1/15	12/2/15	12/1/15		
Volatile Organic Compounds (VOCs)	Concentrations in micrograms per cubic meter (µg/m^3)				
1,1,1-Trichloroethane	BRL (<0.109)	0.109	BRL (<0.109)	173,333	733,333
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.498	0.498	BRL (<0.383)	NE	NE
1,2,4-Trimethylbenzene	1.06	20.4	1.51	2,100	8,667
1,3,5-Trimethylbenzene	0.334	8.26	0.487	2,100	8,667
1,3-Butadiene	BRL (<0.044)	5.04	BRL (<0.044)	31	137
4-Ethyltoluene	0.374	6.39	0.541	NE	NE
Benzene	BRL (<0.319)	10.8	BRL (<0.319)	120	533
Bromodichloromethane	BRL (<0.134)	1.61	BRL (<0.134)	25	110
Carbon tetrachloride	0.195	0.459	BRL (<0.126)	157	667
Chloroethane	BRL (<0.053)	0.063	BRL (<0.053)	NE	NE
Chloroform	0.244	21.9	0.405	40	177
Chloromethane	BRL (<0.413)	0.991	BRL (<0.413)	3,133	13,000
Dichlorodifluoromethane	2.81	7.22	7.76	3,333	14,667
Ethylbenzene	3.61	12.6	6.08	367	1,633
Methylene chloride	BRL (<1.74)	2.96	2.26	21,000	86,667
Naphthalene	BRL (<0.262)	1.47	BRL (<0.262)	28	120
o-Xylene	2.68	15.4	4.52	3,333	14,667
p/m-Xylene	9.12	47.8	15.7	3,333	14,667
Styrene	7.11	1.93	13.5	33,333	146,667
Tetrachloroethene	BRL (<0.136)	5.68	0.136	1,400	6,000
Toluene	7.76	55.8	16.6	173,333	733,333
Trichloroethene	BRL (<0.107)	BRL (<0.107)	1.73	70	293
Trichlorofluoromethane	76.4	1.62	7.87	NE	NE
All other VOCs	BRL (Varies)	BRL (Varies)	BRL (Varies)	Varies	Vaires
Air-Phase Petroleum Hydrocarbons (APHs)	Concentrations in micrograms per cubic meter (µg/m^3)				
C5-C8 Aliphatics	180	450	210	7,000	29,333
C9-C10 Aromatics Total	BRL (<10)	100	20	1,733	7,333
C9-C12 Aliphatics	600	940	1,400	7,000	29,333
1,3-Butadiene	BRL (<0.5)	4.9	BRL (<0.5)	31	137
Benzene	BRL (<0.6)	12	BRL (<0.6)	120	533
Ethylbenzene	3.6	13	6.4	367	1,633
Naphthalene	BRL (<1.1)	1.6	BRL (<1.1)	28	120
o-Xylene	2.6	15	4.7	3,333	14,667
p/m-Xylene	8.9	48	16	3,333	14,667
Toluene	8.1	60	18	173,333	733,333
All other APHs	BRL (Varies)	BRL (Varies)	BRL (Varies)	Varies	Vaires

Notes:

MEDEP = Maine Department of Environmental Protection

NE indicates that a standard or guideline is "not established" for the referenced parameter.

BRL = Below the laboratory reporting limit

Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Residential and/or Commercial use.

TABLE 4: SUMMARY OF GROUNDWATER SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Groundwater Sample Identification	MEDEP Remedial Action Guidelines (October 19, 2018)	MW-1	MW-101	MW-102	MW-103	MW-104	GP-1	MW-4	GP-2	GP-3	MW-1
Contractor	Construction Worker	Summit	Summit	Summit	Summit	Summit	MEDEP	MEDEP	MEDEP	MEDEP	MEDEP
Date Collected	(mg/L)	4/5/2002	4/5/2002	4/5/2002	4/5/2002	4/5/2002	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
Volatile Organic Compounds (VOCs)											
1,2,3-Trimethylbenzene	1	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	NA	NA	NA	NA	0.61
1,2,4-Trimethylbenzene	1	BRL (0.002)	BRL (0.002)	0.001 J	0.003	BRL (0.002)	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	1	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	NA	NA	NA	NA	**1.7**
Benzene	0.35	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	NA	NA	NA	NA	NA
Ethylbenzene	1.4	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	NA	NA	NA	NA	0.015
Isopropylbenzene	NE	BRL (0.002)	BRL (0.002)	0.002	0.032	BRL (0.002)	NA	NA	NA	NA	NA
Naphthalene	0.019	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	NA	NA	NA	NA	**0.024**
n-Propylbenzene	NE	BRL (0.002)	BRL (0.002)	BRL (0.002)	0.032	BRL (0.002)	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	NA	NA	NA	NA	NA
sec-Butylbenzene	100	BRL (0.002)	BRL (0.002)	0.002	0.023	BRL (0.002)	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	BRL (0.002)	BRL (0.002)	BRL (0.002)	0.005	BRL (0.002)	NA	NA	NA	NA	NA
Toluene	24	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	NA	NA	NA	NA	NA
Vinyl chloride	0.00022	BRL (0.002)	BRL (0.002)	**0.001 J**	BRL (0.002)	BRL (0.002)	NA	NA	NA	NA	NA
Xylenes, Total	2.1	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	0.001 J	NA	NA	NA	NA	0.138
All VOCs	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges											
Total Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	520	290	NA	NA	110
Diesel Range Organics	NE	NA	NA	NA	NA	NA	510	130	NA	NA	110
Metals											
Antimony	2.1	NA	NA	NA	NA	NA	BRL (0.006)	BRL (0.006)	BRL (0.006)	BRL (0.006)	BRL (0.006)
Arsenic, Dissolved	5.8	0.005	0.004	0.03	0.052	0.001 J	BRL (0.003)	BRL (0.003)	BRL (0.003)	0.004	BRL (0.003)
Barium, Dissolved	100	BRL (0.1)	BRL (0.1)	BRL (0.1)	BRL (0.1)	BRL (0.1)	NA	NA	NA	NA	NA
Beryllium	1.4	NA	NA	NA	NA	NA	BRL (0.0005)	BRL (0.0005)	BRL (0.0005)	BRL (0.0005)	BRL (0.0005)
Cadmium	0.94	0.0004 J	0.0005 J	0.0016	0.0017	0.0011	BRL (0.0005)	BRL (0.0005)	BRL (0.0005)	BRL (0.0005)	BRL (0.0005)
Total Chromium, Dissolved	100	0.048	0.008	0.002 J	0.04	0.003 J	BRL (0.001)	BRL (0.001)	0.001	BRL (0.001)	0.001
Copper	100	NA	NA	NA	NA	NA	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)
Lead, Dissolved	NE	BRL (0.002)	BRL (0.002)	0.002 J	BRL (0.002)	BRL (0.002)	BRL (0.003)	BRL (0.003)	BRL (0.003)	0.003	BRL (0.003)
Mercury, Dissolved	0.0021	BRL (0.0002)	BRL (0.0002)	BRL (0.0002)	BRL (0.0002)	BRL (0.0002)	BRL (0.0002)	BRL (0.0002)	BRL (0.0002)	BRL (0.0002)	BRL (0.0002)
Nickel	100	NA	NA	NA	NA	NA	BRL (0.006)	BRL (0.006)	BRL (0.006)	0.004	BRL (0.006)
Selenium	96	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.002)	BRL (0.006)	BRL (0.006)	BRL (0.006)	BRL (0.006)	BRL (0.006)
Silver	12	BRL (0.0003)	0.0007 J	BRL (0.0003)	0.0003 J	0.0003 J	BRL (0.0005)	BRL (0.0005)	BRL (0.0005)	BRL (0.0005)	BRL (0.0005)
Thallium	0.77	NA	NA	NA	NA	NA	BRL (0.005)	BRL (0.005)	BRL (0.005)	BRL (0.005)	BRL (0.005)
Zinc	100	NA	NA	NA	NA	NA	BRL (0.005)	0.016	BRL (0.005)	0.011	0.007

NOTES:

mg/L = milligrams per liter

BRL = Not detected above laboratory reporting limit as noted in parenthesis.

NA indicates that a sample was not analyzed for the specified parameter.

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NS indicates that the reporting limit was not specified.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

Values in **bold** text exceed MEDEP Remedial Action Guidelines for Construction Worker Exposure Scenario (October 19, 2018). Public water is assumed to be supplied to the Site.

TABLE 4: SUMMARY OF GROUNDWATER SAMPLE CHEMICAL ANALYSIS RESULTS
Former Apollo Tannery
116 Washington Street
Camden, Maine

Groundwater Sample Identification	MEDEP Remedial Action Guidelines (October 19, 2018)	MW-3	GP-4	GP-5	GP-6	GP-7	GP-9	GP-10	GP-11	GP-12
Contractor	Construction Worker (mg/L)	MEDEP	MEDEP	MEDEP	MEDEP	MEDEP	MEDEP	MEDEP	MEDEP	MEDEP
Date Collected		8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
Volatile Organic Compounds (VOCs)										
1,2,3-Trimethylbenzene	1	0.39	0.27	0.47	0.69	0.43	0.18	0.12	**2.8**	**1.3**
1,2,4-Trimethylbenzene	1	NA	NA	**1**	0.26	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	1	**1.2**	0.7	0.25	0.079	**1**	0.4	0.3	**5.2**	**2.1**
Benzene	0.35	NA	NA	NA	NA	NA	NA	NA	0.0056	NA
Ethylbenzene	1.4	0.0052	0.003	0.015	0.0055	0.0038	0.0027	0.003	0.31	0.023
Isopropylbenzene	NE	NA	NA	0.054	0.026	NA	NA	NA	NA	NA
Naphthalene	0.019	**0.027**	NA	**0.11**	**0.08**	NA	NA	NA	**0.22**	**0.067**
n-Propylbenzene	NE	NA	NA	0.084	0.069	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NA	NA	0.036	0.022	NA	NA	NA	NA	NA
sec-Butylbenzene	100	NA	NA	0.029	0.024	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NA	NA	0.0059	0.0054	NA	NA	NA	NA	NA
Toluene	24	NA	NA	NA	0.011	NA	NA	NA	0.047	0.0033
Vinyl chloride	0.00022	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	2.1	0.069	0.049	0.076	0.02	0.058	0.032	0.034	1.08	0.215
All VOCs	Varies	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)	BRL (Varies)
Total Petroleum Hydrocarbons (TPH) Ranges										
Total Petroleum Hydrocarbons	NE	NA	BRL (NS)	3,900	1,300	NA	BRL (NS)	BRL (NS)	19,000 J	BRL (NS)
Diesel Range Organics	NE	NA	BRL (NS)	3,600	1,000	NA	BRL (NS)	BRL (NS)	NA	BRL (NS)
Metals										
Antimony	2.1	BRL (0.006)	NA	BRL (0.006)	BRL (0.006)	NA	NA	NA	BRL (0.006)	BRL (0.006)
Arsenic, Dissolved	5.8	BRL (0.003)	NA	0.033	0.088	NA	NA	NA	0.13	0.013
Barium, Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	1.4	BRL (0.0005)	NA	BRL (0.0005)	BRL (0.0005)	NA	NA	NA	BRL (0.0005)	BRL (0.0005)
Cadmium	0.94	0.0005	NA	BRL (0.0005)	0.0005	NA	NA	NA	0.0005	BRL (0.0005)
Total Chromium, Dissolved	100	0.001	NA	0.023	0.095	NA	NA	NA	0.05	0.001
Copper	100	0.002	NA	0.005	0.004	NA	NA	NA	BRL (0.002)	0.003
Lead, Dissolved	NE	BRL (0.003)	NA	0.008	0.005	NA	NA	NA	0.003	BRL (0.003)
Mercury, Dissolved	0.0021	BRL (0.0002)	NA	0.0002	BRL (0.0002)	NA	NA	NA	BRL (0.0002)	BRL (0.0002)
Nickel	100	BRL (0.006)	NA	BRL (0.006)	BRL (0.006)	NA	NA	NA	BRL (0.006)	0.004
Selenium	96	BRL (0.006)	NA	BRL (0.006)	BRL (0.006)	NA	NA	NA	BRL (0.006)	BRL (0.006)
Silver	12	BRL (0.0005)	NA	BRL (0.0005)	BRL (0.0005)	NA	NA	NA	BRL (0.0005)	BRL (0.0005)
Thallium	0.77	BRL (0.005)	NA	BRL (0.005)	BRL (0.005)	NA	NA	NA	BRL (0.005)	BRL (0.005)
Zinc	100	0.074	NA	0.009	0.012	NA	NA	NA	BRL (0.005)	BRL (0.005)

NOTES:

mg/L = milligrams per liter

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NA indicates that a sample was not analyzed for the specified parameter.

NE indicates that a standard or guideline is "not established" for the referenced parameter.

NS indicates that the reporting limit was not specified.

J = Estimated value. The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

Values in **bold** text exceed MEDEP Remedial Action Guidelines for Construction Worker Exposure Scenario (October 19, 2018). Public water is assumed to be supplied to the Site.

TABLE 5
SUMMARY OF CONSTITUENTS OF INTEREST
FORMER APOLLO TANNERY
TOWN OF CAMDEN, MAINE

AREA OF CONCERN	Source Media	Receptor	Exposure Route/Pathway	Constituents of Interest[1,3]		
AOC 1 - UPLAND AREA	Surface Soil (0-2 ft)	Residential	Direct Contact[4]	Arsenic	Lead (1 location)	
		Park User	Direct Contact[4]	Arsenic (1 Location)		
		Commercial Worker	Direct Contact[2,4]	Lead (1 location)		
		Construction Worker (Exc)	Direct Contact[2,4]	Lead (1 location)		
	Subsurface Soil (2-15 ft)	Residential	Direct Contact[4]	None (to be addressed via excavation restrictions in Environmental Covenant).		
		Park User	Direct Contact[4]	None (to be addressed via excavation restrictions in Environmental Covenant).		
		Commercial Worker	Direct Contact[2,4]	None (to be addressed via excavation restrictions in Environmental Covenant).		
		Construction Worker (Exc)	Direct Contact[2,4]	GRO (*located within existing soil cap, addressed by 2008 VRAP deed restrictions), to be addressed via excavation restrictions in Environmental Covenant.		
	Groundwater	Residential	Direct Contact[4]	None (groundwater not used for potable purposes, incomplete exposure pathway)		
		Park User	Direct Contact[4]	None (groundwater not used for potable purposes, incomplete exposure pathway)		
		Commercial Worker	Direct Contact[2,4]	None (groundwater not used for potable purposes, incomplete exposure pathway)		
		Construction Worker (Exc)	Direct Contact[2,4,5]	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
				Naphthalene	Vinyl Chloride	
AOC 2 - RIVERWALK AREA	Surface Soil (0-2 ft)	Park User	Direct Contact[4]	Arsenic	EPH C11-C22 (1 location)	Lead
				Mercury (1 loc)	PAHs (1 location)	
		Commercial Worker	Direct Contact[4]	Benzo(a)pyrene	Lead	Arsenic (1 loc, 1.5 ft)
				Mercury (1 loc)		
		Excavation Worker	Direct Contact[4]	Benzo(a)pyrene	Lead	Mercury (1 loc)
	Subsurface Soil (2-15 ft)	Construction Worker (Exc)	Direct Contact	EPH C9-C18	Arsenic	Lead
	Groundwater	Park User	Direct Contact[4]	None (groundwater not used for potable purposes, incomplete exposure pathway)		
		Commercial Worker	Direct Contact[2,4]	None (groundwater not used for potable purposes, incomplete exposure pathway)		
		Construction Worker (Exc)	Direct Contact[2,4,5]	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
				Naphthalene	Vinyl Chloride	
Megunticook River	Pore Water[8]	Residential	Direct Contact	Arsenic	PFOS[6]	
		Construction Worker (Exc)	Direct Contact	No constituents exceed construction worker RAGs.		
		Ecological	USEPA AWQC[7]	Constituents Meet AMW Citeria		

Notes:

1. Any compound that exceeded an applicable RAG is retained as a constituent of interest (requiring active/passive remedy) in accordance with the State of Maine Voluntary Remedial Action Program.
2. Concentrations of inorganic compound detected via portable XRF instrumentation in 2001 are screening level concentrations and therefore were not used to identify COI for the Site.
3 - No constituents in soil gas exeeded MEDEP RAGs. However, the VI pathway will be further addressed via Environmental Covenants (ECs) requiring premptive VI mitigation for future buildings on the Site. Therefore, the exposure pathway associated with VI into future buildings will be incomplete for future buildings.
4. Direct contact exposures include ingestion, dermal (skin) contact, and/or inhalation (excluding vapor intrusion into buildings, see Note #3).
Soil samples collected below 15 feet below current grade are not considered to be accessible for direct contact.
5. Groundwater data from MEDEP 2000 and Summit 2002 investigation activities.
6. MEDEP validation of 2019 analytical data for PFAS compounds and hexavalent chromium in soil and/or porewater media determined the data was not usable (did not meet Method and/or QA/QC requirements).
7. USEPA Ambient Water Quality Criteria (Acute/Chronic Effects)
8. No RAGs applicable to porewater media. Pore water chemical concentrations compared to RAGs for consideration only.

TABLE 6
SUMMARY OF RESIDUAL SOURCES AND TRANSPORT MECHANISMS
FORMER APOLLO TANNERY
TOWN OF CAMDEN, MAINE

Area of Concern	Potential Source Medium	Potential Transport Pathway for Constituents	Potential Process/Action	Retained/ Not Retained	Rationale
AOC 1 - UPLAND AREA	Surface Soil	Surface Soil to Outdoor Air	Volatilization of Constituents	Not Retained	This pathway is NOT retained since no volatile COI remain in surface soils.
		Surface Soil to Indoor Air	Volatilization of Constituents	Not Retained	This pathway is NOT retained since no volatile COI remain in surface soils.
		Surface Soil to Outdoor Air	Particulate Emission of Entrained Constituents	**RETAINED**	This pathway is retained since COI remain in surface soil that could become airborn particulates/dust.
		Surface Soil to Subsurface Soil	Leaching of Constituents	**RETAINED**	This pathway is retained since COI remain in surface soils that are capable of leaching.
		Surface Soil to Surface Water	Erosion/Surface Runoff	**RETAINED**	This pathway is retained since COI remain in surface soils that could be transported to surface water via surface erosion/runoff during precipitation.
	Subsurface Soil	Subsurface Soil to Outdoor/Trench Air	Volatilization of Constituents	**RETAINED**	This pathway is retained based on the potential presence of volatile COI and for intrusive activities (e.g., excavations/trench work).
		Subsurface Soil to Indoor Air	Volatilization of Constituents	Not Retained	This pathway is not retained since COI were not observed in soil gas samples. An Environmental Covenant will require pre-emptive mitigation for all future buildings intended for human occupancy as a conservative measure.
		Subsurface Soil to Outdoor Air	Particulate Emission of Entrained Constituents	**RETAINED**	This pathway is retained based on the potential presence of COI and the potential for intrusive activities (e.g., excavations/trench work).
		Subsurface Soil to Groundwater	Leaching/Residual MGP Material Mobility/Migration	**RETAINED**	This pathway is retained based on physical properties of potential COI in the subsurface soil and ability for these constituents to leach.
	Groundwater	Groundwater to Outdoor/Trench Air	Volatilization of Constituents	**RETAINED**	This pathway is retained based on the potential presence of volatile COI and for intrusive activities (e.g., excavations/trench work).
		Groundwater to Indoor Air	Volatilization of Constituents	Not Retained	This pathway is not retained since COI were not observed in soil gas samples. An Environmental Covenant will require pre-emptive mitigation for all future buildings intended for human occupancy as a conservative measure.
		Site Groundwater to Offsite Groundwater	Migration/Normal Groundwater Flow	Not Retained	This pathway is not retained since impacted groundwater does not migrate to off-Site groundwater. Groundwater in the vicinity of the Site is also not used for potable purposes.
		Onsite Groundwater to Surface Water	Migration/Normal Groundwater Flow	Not Retained	This pathway is not retained since groundwater meets USEPA Ambient Water Quality Criteria and surface water is not used as a source of drinking water.
AOC 2 - RIVERWALK AREA	Surface Soil	Surface Soil to Outdoor/Trench Air	Volatilization of Constituents	**RETAINED**	This pathway is retained based on the presence of volatile COI and potential for intrusive activities (e.g., excavations/trench work).
		Surface Soil to Indoor Air	Volatilization of Constituents	Not Retained	This pathway is NOT retained since no current or future buildings will be constructed within the Riverwalk Area.
		Surface Soil to Outdoor/Trench Air	Particulate Emission of Entrained Constituents	**RETAINED**	This pathway is retained since COI remain in surface soil that could become airborn particulates/dust.
		Surface Soil to Subsurface Soil	Leaching of Constituents	**RETAINED**	This pathway is retained since COI remain in surface soils that are capable of leaching.
		Surface Soil to Surface Water	Erosion/Surface Runoff	**RETAINED**	This pathway is retained since COI remain in surface soils that could be directly transported to surface water via surface erosion/runoff during precipitation.
	Subsurface Soil	Subsurface Soil to Outdoor/Trench Air	Volatilization of Constituents	**RETAINED**	This pathway is retained based on the presence of volatile COI and potential for intrusive activities (e.g., excavations/trench work).
		Subsurface Soil to Indoor Air	Volatilization of Constituents	Not Retained	This pathway is NOT retained since no current or future buildings may be constructed within the Riverwalk Area due to Shoreline Zoning regulations.
		Subsurface Soil to Outdoor Air	Particulate Emission of Entrained Constituents	**RETAINED**	This pathway is retained based on the presnece of COI and the potential for intrusive activities (e.g., excavations/trench work).
		Subsurface Soil to Groundwater	Leaching/Residual MGP Material Mobility/Migration	**RETAINED**	This pathway is retained based on physical properties of COI in the subsurface soil and ability for these constituents to dissolve/leach into groundwater.
	Groundwater	Groundwater to Outdoor/Trench Air	Volatilization of Constituents	**RETAINED**	This pathway is retained based on the presence of volatile COI in groundwater and potential for intrusive activities (e.g., excavations/trench work).
		Groundwater to Indoor Air	Volatilization of Constituents	Not Retained	This pathway is NOT retained since no current or future buildings may be constructed within the Riverwalk Area due to Shoreline Zoning regulations.
		Site Groundwater to Offsite Groundwater	Migration/Normal Groundwater Flow	Not Retained	This pathway is not retained since impacted groundwater does not migrate to off-Site groundwater. Groundwater in the vicinity of the Site is also not used for potable purposes.
		Onsite Groundwater to Surface Water	Migration/Normal Groundwater Flow	Not Retained	This pathway is not retained since groundwater meets USEPA Ambient Water Quality Criteria and surface water is not used as a source of drinking water.

Notes:

Not Retained: Exposure pathway is either incomplete of concentrations of constituents are below applicable regulatory criteria for identified receptors.

Retained: Exposure pathway is potentially complete since concentrations of constituents in related media either exceeded or are expected to exceed applicable regulatory criteria for identified receptors and no existing physical or institutional feature that prevents exposure to the receptor is identified.

TABLE 7
EXPOSURE PATHWAYS, RECEPTORS, AND PROPOSED REMEDIAL ALTERNATIVES
FORMER APOLLO TANNERY
TOWN OF CAMDEN, MAINE

Location	Exposure Media	Potential Exposure Pathway	Potential Receptor	Retained/ Not Retained	Rationale	Proposed Remedial Actions
AOC 1 - UPLAND AREA	Surface Soil	Ingestion/Dermal Contact	Resident	**Retained**	Potential for ingestion/dermal contact with arsenic, lead.	Area-wide cover system, soil removal (0-2 ft), or residential use restriction (EC).
			Park Users	**Retained**	Potential for ingestion/dermal contact with arsenic (1 location).	Localized cover system or soil removal (0-2 ft).
			Commercial Worker	**Retained**	Potential for ingestion/dermal contact with lead (1 location).	Localized cover system or soil removal (0-2 ft).
			Construction Worker	**Retained**	Potential for ingestion/dermal contact with lead (1 location).	Localized cover system or soil removal (0-2 ft).
		Inhalation of Volatiles	Resident	Not Retained	No volatile constituents in surface soil.	No remedial action required.
			Park Users	Not Retained	No volatile constituents in surface soil.	No remedial action required.
			Commercial Worker	Not Retained	No volatile constituents in surface soil.	No remedial action required.
			Construction Worker	Not Retained	No volatile constituents in surface soil.	No remedial action required.
		Inhalation of Particulates	Resident	**Retained**	Potential for inhalation of particulates (arsenic, lead).	Area-wide cover system, soil removal (0-2 ft), or residential use restriction (EC).
			Park Users	**Retained**	Potential for inhalation of particulates (lead).	Localized cover system or soil removal (0-2 ft).
			Commercial Worker	**Retained**	Potential for inhalation of particulates (lead).	Localized cover system or soil removal (0-2 ft).
			Construction Worker	**Retained**	Potential for inhalation of particulates (lead).	Localized cover system or soil removal (0-2 ft).
	Subsurface Soil	Ingestion/Dermal Contact	Resident	**Retained**	Potential ingestion/dermal contact with COI will be eliminated via excavation restrictions (Environmental Covenant) as a conservative measure.	Environmental Covenant restricting residents from conducting excavations deeper than 2 ft below grade.
			Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential ingestion/dermal contact with COI will be eliminated via excavation restrictions (Environmental Covenant) as a conservative measure.	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.
		Inhalation of Volatiles	Resident	**Retained**	Potential for inhalation of volatile COI during intrusive work or via vapor intrusion into the indoor air of future buildings constructed on-Site.	Environmental Covenant restricting excavations deeper than 2 ft below grade, and requiring a vapor barrier or equivalent be installed as a pre-emptive VI mitigation measure for all future buildings constructed on the property.
			Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential for inhalation of volatile COI (EPH/GRO).	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.
		Inhalation of Particulates	Resident	**Retained**	Potential for inhalation of particulates during intrusive work.	Environmental Covenant restricting excavations deeper than 2 ft below grade.
			Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential for inhalation of particulates during intrusive work.	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.
	Groundwater	Ingestion/Dermal Contact	Resident	**Retained**	Potential ingestion/dermal contact will be eliminated via excavation restrictions (Environmental Covenant) as a conservative measure.	Environmental Covenant restricting residents from conducting excavations deeper than 2 ft below grade.
			Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential ingestion/dermal contact will be eliminated via excavation restrictions (Environmental Covenant) as a conservative measure.	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.
		Inhalation of Volatiles	Resident	**Retained**	Potential for inhalation of volatile COI during intrusive work or via vapor intrusion into the indoor air of future buildings constructed on-Site.	Environmental Covenant restricting excavations deeper than 2 ft below grade, and requiring a vapor barrier or equivalent be installed as a pre-emptive VI mitigation
			Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential for inhalation of volatile COI (GRO).	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.

TABLE 7
EXPOSURE PATHWAYS, RECEPTORS, AND PROPOSED REMEDIAL ALTERNATIVES
FORMER APOLLO TANNERY
TOWN OF CAMDEN, MAINE

AOC 2 - RIVERWALK AREA	Surface Soil	Ingestion/Dermal Contact	Park Users	**Retained**	Potential for ingestion/dermal contact with arsenic, EPH C11-C22, Lead, Mercury, and PAHs.	Localized cover system.
			Commercial Worker	**Retained**	Potential for ingestion/dermal contact with Benzo(a)pyrene, Lead, and Arsenic.	Localized cover system.
			Construction Worker	**Retained**	Potential for ingestion/dermal contact with Benzo(a)pyrene and Lead.	Localized cover system.
		Inhalation of Volatiles	Park Users	**Retained**	Potential for inhalation of EPH C11-C22 and Mercury.	Localized cover system.
			Commercial Worker	Not Retained	Concentration of volatile COI below Commercial Worker RAGs.	No remedial action required.
			Construction Worker	Not Retained	Concentration of volatile COI below Construction Worker RAGs.	No remedial action required.
		Inhalation of Particulates	Park Users	**Retained**	Potential for inhalation of particulates (Arsenic, Mercury, Lead, PAHs).	Localized cover system.
			Commercial Worker	**Retained**	Potential for inhalation of particulates (Benzo(a)pyrene, Lead, and Arsenic).	Localized cover system.
			Construction Worker	**Retained**	Potential for inhalation of particulates (Benzo(a)pyrene and Lead).	Localized cover system.
	Subsurface Soil	Ingestion/Dermal Contact	Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential ingestion/dermal contact with COI (EPH C9-C18, Arsenic, and Lead) will be eliminated via excavation restrictions (Environmental Covenant) as a conservative measure.	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.
		Inhalation of Volatiles	Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential for inhalation of volatile COI (EPH C9-C18).	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.
		Inhalation of Particulates	Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential for inhalation of particulates (Arsenic, Lead) during intrusive work.	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.
	Groundwater	Ingestion/Dermal Contact	Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential ingestion/dermal contact with COI in groundwater will be eliminated via excavation restrictions (Environmental Covenant) as a conservative measure.	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.
		Inhalation of Volatiles	Park Users	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	**Retained**	Potential for inhalation of volatile COI during intrusive work (Trimethybenzens, Vinyl Chloride, Naphthalene, Benzene).	Environmental Covenant requiring all excavations extending deeper than 2 ft below grade be managed and conducted in accordance with occupational (OSHA) and environmental regulations.
Megunticook River	Pore Water	Ingestion/Dermal Contact	Resident and park User	Not Retained	Exposure unlikely. Surface water meets ecological criteria, and is not used as a source of drinking water.	No remedial action required.
			Commercial Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
			Construction Worker	Not Retained	Exposure unlikely based on daily activities.	No remedial action required.
		Inhalation of Volatiles	All Identified Receptors	Not Retained	Exposure to COI in pore water not reasonably possible within river for the identified receptors.	No remedial action required.
		Inhalation of Particulates	All Identified Receptors	Not Retained	Exposure to COI in pore water not reasonably possible within river for the identified receptors.	No remedial action required.

Applicable Regulatory Standards

- Riverwalk (Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)
- Upland (Residential, Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)

Former Lady Millville Restaurant (113 Washington Street)

Residential

Residential

Residential

Megunticook River

Megunticook Riverwalk

XRF-20

DEPSED 4

RB-06

TP-01
1.5-2.5 Feet
Arsenic: 30

TP-02
1-2 Feet
EPH C9-C18: 7,100
EPH C11-C22: 21,000

RB-02
0-1 Feet
Arsenic: 26
Lead: 720

RB-03
0-1 Feet
Arsenic: 38

RB-04
0-1 Feet
Arsenic: 27
Lead: 730
Mercury: 4.7

GP-6
0-4 Feet
GRO; 6,000

TP-05
0-1 Feet
Benzo(a)anthracene: 120
Benzo(a)pyrene: 89
Benzo(b)fluoranthene: 130
Dibenzo(a,h)anthracene: 5.6
Ideno(1,2,3-cd)pyrene: 47
Arsenic: 28
Lead: 400
1.5-3 Feet
Benzo(a)pyrene: 9.1
Arsenic: 47

RB-05
0-1 Feet
Lead: 430

B116
0-2 Feet
Arsenic: 35

TP-01
RB-01
TP-02
RB-02
TP-03
RB-03
TP-04
RB-04
B118
GP-6
B116
TP-05
RB-05
DEPSED 5
DEPSED 6

TP-03
1.5-2.5 Feet
EPH C9-C18: 6,000
EPH C11-C22: 19,000

Washington Street

Rawson Avenue

Applicable MEDEP Remedial Action Guidelines (mg/kg)

	Park User	Outdoor Construction Worker	Excavation/ Construction Worker
Arsenic	26	41	54
Lead	290	440	450
Mercury	3.1	3.1	3.1
GRO	3436	6379	1654
EPH C9-C18	17000	14000	4800
EPH C-11-C22	7300	33000	74000
Benzo(a)anthracene	45	280	1700
Benzo(a)pyrene	4.5	29	9.9
Benzo(b)fluoranthene	45	290	1700
Dibenzo(a,h)anthracene	4.5	29	170
Ideno(1,2,3-cd)pyrene	45	290	1700

Note: MEDEP-established background concentration of arsenic is 16 mg/kg

RANSOM Consulting, LLC

Legend & Notes

- Site Boundary
- Riverwalk
- Upland
- Former Building
- Megunticook Riverwalk
- Approximate Location of Former Sluiceway
- Approximate Location of Slurry Wall
- VRAP Boundary (2008)
- Former Underground Storage Tank (UST)
- Soil Boring (EPA TBA, 2019)
- Soil Boring (Ransom, 2016)
- Soil Boring (MEDEP, 2001)
- Sediment Sample (MEDEP, 2001)

Notes:
1. Sources: Landmark Corporation Surveyors & Engineers. Riverwalk Easement Sketch. Dated December 10, 2008. Esri Imagery.
2. Soil boring data from Summit, 2001 was not included because the locations could not be determined.
3. Some features are approximate in location and scale
4. This plan has been prepared for the Town of Camden. All other uses are not authorized unless written permission is obtained from Ransom Consulting, LLC.

Scale & Orientation

0 40 80

1 inch = 40 feet

Prepared For

Town of Camden
29 Elm Street
Camden, Maine

Site Address

Former Apollo Tannery
116 Washington Street
Camden, Maine

181.06095 | June 2020

Figure 1a
Riverwalk Surficial Soil

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Applicable Regulatory Standards

- Riverwalk (Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)
- Upland (Residential, Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)

Former Lady Millville Restaurant (113 Washington Street)

Residential

Megunticook River

Megunticook Riverwalk

TP-03
1.5-2.5 Feet
EPH C9-C18: 6,000
4.5 Feet
Arsenic: 63
Lead: 1,800

TP-01
TP-02
TP-03
TP-04
TP-05
GP-6

TP-04
4-4.5 Feet
Lead: 37,000

GP-6
0-4 Feet
GRO: 6,000
4-8 Feet
GRO: 7,100

Residential

Residential

Washington Street

Rawson Avenue

Applicable MEDEP Remedial Action Guidelines (mg/kg)

	Excavation/ Construction Worker
Arsenic	54
Lead	450
GRO	1,654

Note: MEDEP-established background concentration of arsenic is 16 mg/kg

RANSOM Consulting, LLC

Legend & Notes

- Site Boundary
- Riverwalk
- Upland
- Former Building
- Megunticook Riverwalk
- Approximate Location of Former Sluiceway
- Approximate Location of Slurry Wall
- VRAP Boundary (2008)
- Former Underground Storage Tank (UST)
- Soil Boring (EPA TBA, 2019)
- Soil Boring (MEDEP, 2001)

Notes:
1. Sources: Landmark Corporation Surveyors & Engineers. Riverwalk Easement Sketch. Dated December 10, 2008. Esri Imagery.
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Scale & Orientation

0 40 80

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Prepared For

Town of Camden
29 Elm Street
Camden, Maine

Site Address

Former Apollo Tannery
116 Washington Street
Camden, Maine

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Figure 1b
Riverwalk Deeper Soil

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Applicable Regulatory Standards

- Riverwalk (Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)
- Upland (Residential, Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)

Former Lady Millville Restaurant (113 Washington Street)

Residential

Residential

Residential

Meguntic ook River

Washington Street

Rawson Avenue

B101
0-2 Feet
Arsenic: 28
Lead: 210

B101
Depth Unknown
GRO: 30,000
Arsenic: 20

B102
0-2 Feet
Arsenic: 13

B104
0-2 Feet
Arsenic: 21

B105
0-2 Feet
Arsenic: 9.6

B107
0-2 Feet
Arsenic: 15

B112
0-2 Feet
Arsenic: 11

B109
0-2 Feet
Arsenic: 21

B108
0-2 Feet
Arsenic: 16

B111
0-2 Feet
Arsenic: 23

GP-8
0-0.5 Feet
Arsenic: 11

XRF-3
0-0.5 Feet
Arsenic: 16

XRF-7
0-0.5 Feet
Arsenic: 91
Lead: 1,500

B117
0-2 Feet
Arsenic: 21

Meguntic ook Riverwalk

B101 B102 RB-08 B103 B104 RB-07 B109 RB-09 B105 B108 B111 B107 B112 GP-9 GP-8 RB-10 B113 XRF-2 XRF-3 XRF-7 XRF-15 B117

Applicable MEDEP Remedial Action Guidelines (mg/kg)

	Residential	Park User	Outdoor Construction Worker	Excavation/ Construction Worker
Arsenic	9.3	26	41	54
Lead	140	290	440	450
GRO	2,170	3,436	6,379	1,654

Note: MEDEP-established background concentration of arsenic is 16 mg/kg

RANSOM Consulting, LLC

Legend & Notes

- Site Boundary
- Riverwalk Area
- Upland Area
- Former Building
- Meguntic ook Riverwalk
- Approximate Location of Former Sluiceway
- Approximate Location of Slurry Wall
- VRAP Boundary (2008)
- Former Underground Storage Tank (UST)
- Soil Boring (EPA TBA, 2019)
- Soil Boring (Ransom, 2016)
- Soil Boring (MEDEP, 2001)

Notes:
1. Sources: Landmark Corporation Surveyors & Engineers. Riverwalk Easement Sketch. Dated December 10, 2008. Esri Imagery.
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Scale & Orientation

0 40 80

1 inch = 40 feet

Prepared For

Town of Camden
29 Elm Street
Camden, Maine

Site Address

Former Apollo Tannery
116 Washington Street
Camden, Maine

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Figure 1c
Upland Surficial Soil

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Applicable Regulatory Standards

- Riverwalk (Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)
- Upland (Residential, Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)

Former Lady Millville Restaurant (113 Washington Street)

Residential

Megunticook River

Megunticook Riverwalk

B106

B110

GP-9

GP-8

B114

B115

GP-5

Residential

Residential

Washington Street

Rawson Avenue

GP-8
Unknown
GRO: 30,000

GP-5
4-8 Feet
GRO: 24,000

Applicable MEDEP Remedial Action Guidelines (mg/kg)	
	Excavation/ Construction Worker
Arsenic	54
Lead	450
GRO	1,654

Note: MEDEP-established background concentration of arsenic is 16 mg/kg

RANSOM Consulting, LLC

Legend & Notes

- Site Boundary
- Riverwalk
- Upland
- Former Building
- Megunticook Riverwalk
- Approximate Location of Former Sluiceway
- Approximate Location of Slurry Wall
- VRAP Boundary (2008)
- Former Underground Storage Tank (UST)
- Soil Boring (Ransom, 2016)
- Soil Boring (MEDEP, 2001)

Notes:
1. Sources: Landmark Corporation Surveyors & Engineers. Riverwalk Easement Sketch. Dated December 10, 2008. Esri Imagery.
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Scale & Orientation

0 40 80

1 inch = 40 feet

Prepared For

Town of Camden
29 Elm Street
Camden, Maine

Site Address

Former Apollo Tannery
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Camden, Maine

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Figure 1d
Upland
Deeper Soil

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Applicable Regulatory Standards

- Riverwalk (Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)
- Upland (Residential, Park User, Outdoor Commerical Worker, Excavation/Construction Worker RAGs)

Former Lady Millville Restaurant (113 Washington Street)

Residential

Residential

Residential

Megunticook River

Megunticook Riverwalk

Washington Street

Rawson Avenue

PW-BK1

PW-05

PW-01

PW-04

PW-02

PW-03

PW101

PW-08

PW-07

PW-02

PW-01

PW102

PW-03

PW-06

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Legend & Notes

- Site Boundary
- Riverwalk Area
- Upland Area
- Former Building
- Megunticook Riverwalk
- Approximate Location of Former Sluiceway
- Approximate Location of Slurry Wall
- VRAP Boundary (2008)
- Former Underground Storage Tank (UST)
- Pore Water Sample (EPA TBA, 2019)
- Pore Water Sample (Ransom, 2016)
- Pore Water Sample (Summit, 2006)

Notes:

1. Sources: Landmark Corporation Surveyors & Engineers. Riverwalk Easement Sketch. Dated December 10, 2008. Esri Imagery.
2. Soil boring data from Summit, 2001 was not included because the locations could not be determined.
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Scale & Orientation

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Town of Camden
29 Elm Street
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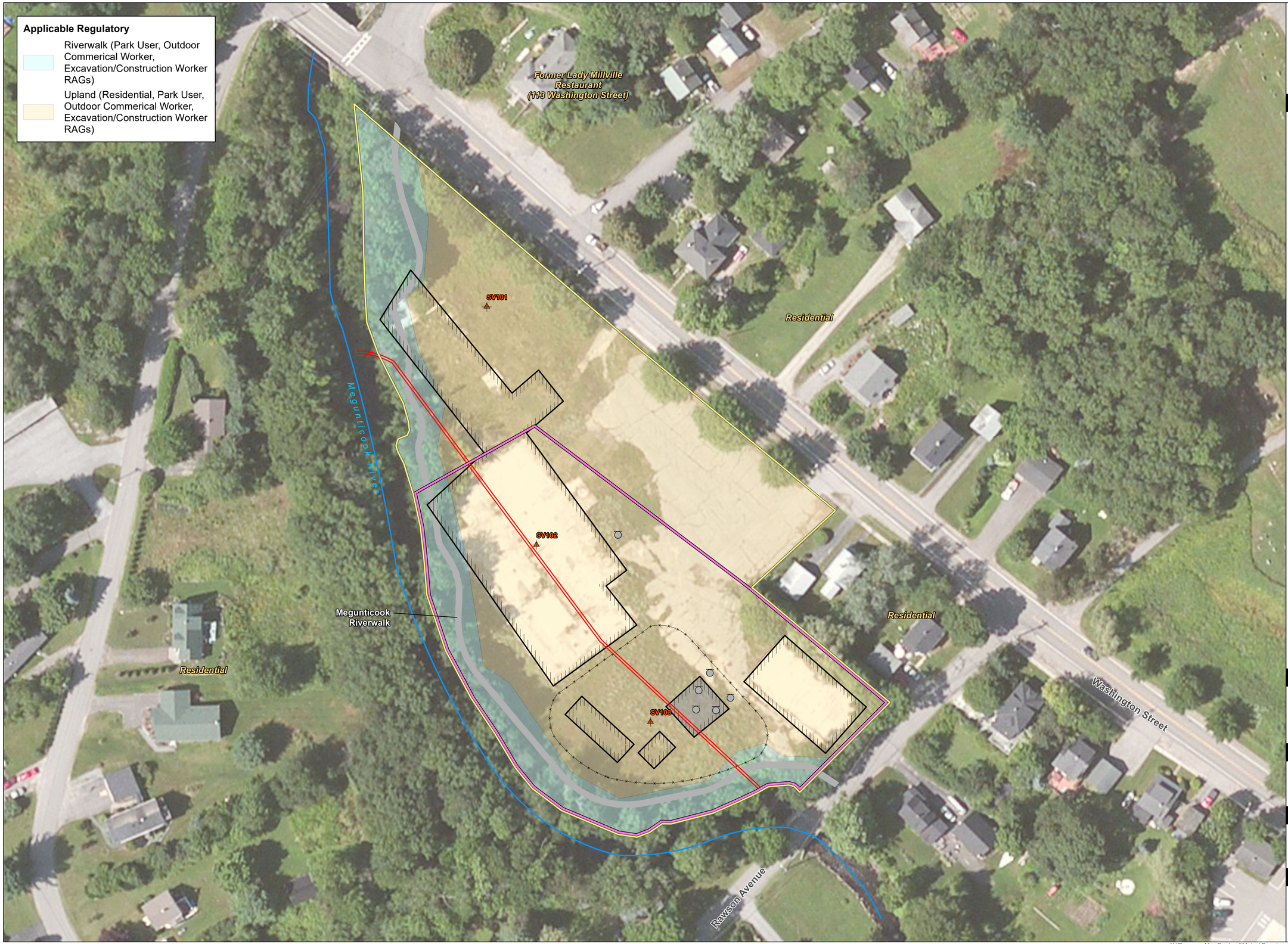
Figure 2

Porewater Sample Location Plan

X:\Ransom_NewEngland\Maine\Camden_ME\Fmr_Apollo_Tannery\0620_FAT_Figure2_PW.mxd



RANSOM Consulting, LLC

Legend & Notes

- Site Boundary
- Riverwalk
- Upland
- Former Building
- Megunticook Riverwalk
- Approximate Location of Former Sluiceway
- Approximate Location of Slurry Wall
- VRAP Boundary (2008)
- Former Underground Storage Tank (UST)
- Soil Vapor Point (Ransom, 2016)

Notes:
1. Sources: Landmark Corporation Surveyors & Engineers. Riverwalk Easement Sketch. Dated December 10, 2008. Esri Imagery.
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Scale & Orientation

0 40 80

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Prepared For

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29 Elm Street
Camden, Maine

Site Address

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Camden, Maine

181.06095 | June 2020

Figure 3
Soil Vapor Location Plan

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