

PURECYCLE TECHNOLOGIES, INC. 18,177,703 Shares Common Stock

This prospectus supplement is being filed to update and supplement the information contained in the prospectus dated July 1, 2021 (as supplemented or amended from time to time, the "Prospectus"), with the information contained in our Current Report on Form 8-K, which was filed with the Securities and Exchange Commission ("SEC") on November 10, 2021 (the "Form 8-K"). Accordingly, we have attached the Form 8-K to this prospectus supplement.

The Prospectus and this prospectus supplement relate to the issuance by us of 5,936,625 shares of our common stock, par value \$0.001 per share ("Common Stock"), that may be issued upon exercise of the Company Warrants (as defined in the Prospectus).

The Prospectus and prospectus supplement also relate to the offer and sale from time to time by the selling stockholders named in the Prospectus or their permitted transferees (collectively, the "Selling Stockholders") of up to 12,241,078 shares of Common Stock, which includes (i) 8,903,842 shares of Common Stock that may be issued upon conversion of the Convertible Notes (as defined in the Prospectus) currently outstanding as of the most recent interest payment date, (ii) up to 951,360 additional shares of Common Stock issuable upon conversion of the Convertible Notes assuming all remaining interest payments are made to holders of the Convertible Notes entirely in kind and the maturity date of the Convertible Notes is extended through April 15, 2023 (from October 15, 2022) at our election with respect to 50% of the amount outstanding under the Convertible Notes at October 15, 2022 and (iii) up to 2,385,876 shares of Common Stock held by certain initial stockholders named therein (including the shares of our Common Stock that may be issued upon conversion of the Company Warrants held by such initial stockholders).

This prospectus supplement updates and supplements the information in the Prospectus and is not complete without, and may not be delivered or utilized except in combination with, the Prospectus, including any amendments or supplements thereto. This prospectus supplement should be read in conjunction with the Prospectus and if there is any inconsistency between the information in the Prospectus and this prospectus supplement, you should rely on the information in this prospectus supplement.

Our Common Stock, warrants and units are listed on The Nasdaq Capital Market under the symbols "PCT," "PCTTW" and "PCTTU," respectively. On November 10, 2021, the closing price of our Common Stock was \$11.50 per share.

Investing in our securities involves risks that are described in the "Risk Factors" section beginning on page 14 of the Prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if the Prospectus or this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is November 10, 2021.

United States SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): November 10, 2021

	PureCycle Technologies, Inc.						
(Exact Name of Registrant as Specified in its Charter)							
Delaware	001-40234	86-2293091					
(State or other jurisdiction	(Commission	(I.R.S. Employer					
of incorporation)	File Number)	Identification No.)					
5950 Hazeltine National Drive, Suite 650	,						
Orlando, Florida		32822					
(Address of Principal Executive Offices)		(Zip Code)					

Registrant's telephone number, including area code: (877) 648-3565

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.001 per share	PCT	The Nasdaq Stock Market LLC
Warrants, each exercisable for one share of common stock, \$0.001 par value per share, at an exercise price of \$11.50 per share	PCTTW	The Nasdaq Stock Market LLC
Units, each consisting of one share of common stock, \$0.001 par value per share, and three quarters of one warrant	PCTTU	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (Sec.230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (Sec.240.12b-2 of this chapter).

Emerging growth company 区

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

Item 2.02. Results of Operations and Financial Condition.

On November 10, 2021, PureCycle Technologies, Inc. (the "Company") issued a press release, attached hereto as Exhibit 99.1 and incorporated herein by reference, announcing the Company's financial results for the third quarter ended September 30, 2021 and certain other information.

The information contained in Item 7.01 concerning the presentation to the Company's investors is hereby incorporated into this Item 2.02 by reference.

Item 7.01. Regulation FD Disclosure.

The slide presentation attached hereto as Exhibit 99.2, and incorporated herein by reference, will be presented to certain investors of the Company on November 11, 2021 and may be used by the Company in various other presentations to investors.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

SIGNATURE

Pursuant to the requirements of the Securities and Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

PURECYCLE TECHNOLOGIES, INC.

November 10, 2021

By:/s/ Brad Kalter

Name: Brad Kalter

Title: General Counsel and Corporate Secretary

Exhibit 99.1



PureCycle Technologies Provides Third Quarter 2021 Update

- Plant 1, the first manufacturing plant in Ironton, Ohio, remains on schedule for expected completion in the fourth quarter of 2022
- Plant 2, first cluster facility in Augusta, Georgia, on track for site work expected to begin in the first quarter of 2022
- Identified 1.6-billion-pound feedstock supply pipeline; Signed 6 new LOIs representing 168 million pounds of feedstock
- Submitted FDA Letter of No Objection on September 10, 2021
- Total liquidity of \$494.1 million, including \$221.1 million of unrestricted cash and investments and \$273.0 million of restricted cash, at quarter-end September 30, 2021

(ORLANDO, Florida – November 10, 2021) – PureCycle Technologies, Inc. ("PureCycle" or "the Company") (NASDAQ: PCT), a company seeking to revolutionize polypropylene recycling, today announced a corporate update and financial results for the third quarter ending September 30, 2021.

Management Commentary

"Since our second quarter update, we have continued to execute and advance our strategic plan, highlighted by Plant 1 in Ironton, Ohio, which is progressing on schedule to be operational in the fourth quarter of 2022. In addition, our first cluster facility in Augusta, Georgia remains on track with site work expected to begin in the first quarter of 2022," said Mike Otworth, PureCycle's Chairman and Chief Executive Officer.

"We successfully expanded our feedstock supply network during the quarter signing multiple LOIs for feedstock, as well as identifying a 1.6-billion-pound feedstock supply pipeline. On the commercial front, we continue to see demand and the market continues to accept our Feedstock+ pricing model. Additionally, we completed the submission of the FDA Letter of No Objection in September and the first ever PureCycled plastic product was brought to market. PureCycle remains on schedule to achieve our strategic milestones and we look forward to updating you on our progress next quarter.

"What we are creating at PureCycle is more than a plastic that can be infinitely sustainable, we are giving brands an opportunity to be deliberate and genuine when it comes to creating sustainable products that put our environment at the forefront. The work we have done over the last quarter not only positions us well to achieve our strategic goals, but also helps bring this tremendous opportunity to the commercial market."



Operational Update

In Ironton, Ohio, our flagship facility is well under way and is expected to be operational in the fourth quarter of 2022. Our first facility is expected to produce 107 million pounds per year of Ultra-Pure Recycled (UPR) resin. In the second quarter of next year, we expect to have both our module equipment delivered and our Ironton feedstock preprocessing facility (PreP) operational. In Ironton's September 2021 Leidos report, the noted schedule delays are non-critical path activities that include the rail line and final building modifications. We expect that these activities should not impact the final project completion.

During the third quarter, PureCycle approved additional investments in Ironton with a focus on de-risking and processing expansion, contributing to an increase in the total project costs by \$30-40 million relative to the initial budget. Approximately two-thirds of the additional cost represents an investment to process a higher percentage of feed contaminants and safety design improvements, while approximately one-third represents an escalation in base material pricing.

The Augusta cluster facility, which is designed to ultimately produce up to 650 million pounds annually per year across five processing lines, remains on track for preliminary site work to begin in the first quarter of 2022. PureCycle continues to address the critical path for Augusta by making long lead purchases which will occur throughout the rest of this year.

During the third quarter, the Company has made considerable progress on European site selection, identified potential European feedstocks, and with the Company's submitted FDA Letter of No Objection, PureCycle has begun preparations for communications with the European Food Safety Authority (EFSA).

PureCycle made significant announcements during the third quarter as it relates to the Company's expansion into the Asia-Pacific and continues to progress the memoranda of understanding with Mitsui in Japan and SK Geo Centric in South Korea to definitive agreements, which will help the Company pave the way for building a PureCycle ecosystem globally.

Feedstock and Commercial Update

PureCycle made significant advancements in the Company's feedstock procurement process during the third quarter highlighted by the identification of approximately 1.6 billion pounds of potential feedstock that is, at present, moving through the market and/or being landfilled. This feedstock supply pipeline comprises 3 diverse types of waste streams: post-consumer non-curbside (approx. 1.1 billion pounds identified), post-consumer curbside (approx. 275 million pounds identified), and post-industrial (approx. 225 million pounds identified). PureCycle is seeking to decentralize its feedstock intake and most recently announced a PreP facility in Winter Garden, Florida. This new facility is PureCycle's first satellite PreP facility and represents a strategy that focuses on decentralizing feedstock intake, which allows the Company to accept and sort plastic waste closer to the source and further encourages PureCycle's feedstock supply line.



PureCycle continues to see a robust pipeline of demand for its UPR resin and the Company is seeing market acceptance of its Feedstock+ pricing model. PureCycle remains in active discussions representing 277 million pounds across existing and new market segments using the Feedstock+ pricing model. The Company also saw the first PureCycled plastic product made with 95% of our UPR plastic come onto the market. The shampoo dispenser brought to market by EC30 was made commercially available earlier this month and represents the Company's UPR resin's ability to deliver exceptional aesthetic and mechanical properties that meet both sustainability goals and appeal to the

Total liquidity of \$494.1 million including \$221.1 million of cash, cash equivalents and debt securities available for sale and \$273.0 million in restricted cash.

PureCycle had \$319.0 million in debt and accrued interest, less \$19.3 million of discount and issuance costs as of September 30, 2021. Plant 1's original budget was \$242.1 million, which was funded through bond financing. As of September 30, 2021, the remaining capital allocated from the bond funds was \$155.9 million.

Conference Call

The Company will hold a conference call today at 11:00 a.m. ET to provide an update on recent corporate developments, including activity from the third quarter and updated future strategic plans.

Date: Thursday, November 11, 2021

Time: 11:00 a.m. ET

Toll-free dial-in number: 1-855-940-5314 International dial-in number: 1-929-517-0418

Conference ID: 1084324

Please call the conference telephone number 5-10 minutes prior to the start time. An operator will register your name and organization. If you have any difficulty connecting with the conference call, please contact Gateway Investor Relations at 1-949-574-3860.

The conference call will have a live Q&A session and be available for replayhere and on the Company's website at www.purecycle.com.



A replay of the conference call will be available after 2 p.m. Eastern time on the same day through November 18, 2021, via the information below:

Toll-free replay number: (855) 859-2056 International replay number: (404) 537-3406

Replay ID: 1084324

Forward-Looking Statements

This press release contains forward-looking statements, including statements about the financial condition, results of operations, earnings outlook and prospects of PCT. In addition, any statements that refer to projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, are forward-looking statements. Forward-looking statements are typically identified by words such as "plan," "believe," "expect," "anticipate," "intend," "outlook," "estimate," "forecast," "project," "continue," "could," "may," "might," "possible," "potential," "predict," "should," "would" and other similar words and expressions, but the absence of these words does not mean that a statement is not forward-looking.

The forward-looking statements are based on the current expectations of the management of PCT and are inherently subject to uncertainties and changes in circumstances and their potential effects and speak only as of the date of such statement. There can be no assurance that future developments will be those that have been anticipated. These forward-looking statements involve a number of risks, uncertainties or other assumptions that may cause actual results or performance to be materially different from those expressed or implied by these forward-looking statements. These risks and uncertainties include, but are not limited to, those factors described in the section of PCT's Quarterly Report on Form 10-Q entitled "Risk Factors," those discussed and identified in public filings made with the Securities and Exchange Commission (the "SEC") by PCT and the following:

- · PCT's ability to meet, and to continue to meet, applicable regulatory requirements for the use of PCT's UPR in food grade applications (both in the United States and abroad);
- · PCT's ability to comply on an ongoing basis with the numerous regulatory requirements applicable to the UPR and PCT's facilities (both in the United States and abroad):
- expectations and changes regarding PCT's strategies and future financial performance, including its future business plans, expansion plans or objectives, prospective
 performance and opportunities and competitors, revenues, products and services, pricing, operating expenses, market trends, liquidity, cash flows and uses of cash,
 capital expenditures, and PCT's ability to invest in growth initiatives;
- · PCT's ability to scale and build the Ironton, Ohio plant in a timely and cost-effective manner;
- · PCT's ability to build its first U.S. cluster facility, located in Augusta, Georgia (the "Augusta Facility"), in a timely and cost-effective manner;



- · PCT's ability to sort and process polypropylene plastic at its plastic waste prep ("Feed PreP") facilities;
- PCT's ability to maintain exclusivity under The Procter & Gamble Company license;
- · the implementation, market acceptance and success of PCT's business model and growth strategy;
- · the success or profitability of PCT's offtake arrangements;
- the ability to source feedstock with a high polypropylene content;

- · PCT's future capital requirements and sources and uses of cash;
- · PCT's ability to obtain funding for its operations and future growth;
- · developments and projections relating to PCT's competitors and industry;
- the outcome of any legal or regulatory proceedings to which PCT is, or may become a party, including the recently filed securities class action case and the ongoing SEC investigation;
- · the ability to recognize the anticipated benefits of the business combination;
- · unexpected costs related to the business combination;
- · geopolitical risk and changes in applicable laws or regulations;
- the possibility that PCT may be adversely affected by other economic, business, and/or competitive factors;
- · operational risk; and
- the risk that the COVID-19 pandemic, including any variants and the efficacy and distribution of vaccines, and local, state, federal and international responses to addressing the pandemic may have an adverse effect on PCT's business operations, as well as PCT's financial condition and results of operations.

Should one or more of these risks or uncertainties materialize or should any of the assumptions made by the management of PCT prove incorrect, actual results may vary in material respects from those projected in these forward-looking statements.

All subsequent written and oral forward-looking statements or other matters attributable to PCT or any person acting on their behalf are expressly qualified in their entirety by the cautionary statements contained or referred to in this press release. Except to the extent required by applicable law or regulation, PCT undertakes no obligation to update these forward-looking statements to reflect events or circumstances after the date of this press release or to reflect the occurrence of unanticipated events.

About PureCycle Technologies

PureCycle Technologies LLC, a subsidiary of PureCycle Technologies, Inc., holds a global license to commercialize the only patented solvent-based purification recycling technology, developed by The Procter & Gamble Company for restoring waste polypropylene (PP) into ultra-pure recycled (UPR) resin. The proprietary process removes color, odor and other contaminants from recycled feedstock resulting in UPR plastic suitable for any PP market. To learn more, visit <u>purecycle.com</u>



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Investor Relations Contact:

Georg Venturatos Gateway Investor Relations PCT@GatewayIR.com (949) 574-3860



Forward-Looking Statements

Certain statements in this Presentation contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), including statements about the outcome of any legal or regulatory proceedings to which PureCycle Technologies, Inc. ("PCT") is, or may become a party, and the financial condition, results of operations, earnings outlook and prospects of PureCycle Technologies, Inc. ("PCT"). Forward-looking statements generally relate to future events or our future financial or operating performance and may refer to projections and forecasts. Forward-looking statements are typically identified by words such as "plan," "believe," "expect," "anticipate," "intend," "outlook," "estimate," "forecast," "project," "continue," "could," "may," "might," "possible," "potential," "predict," "should," "would" and other similar words and expressions (or the negative versions of such words or expressions), but the absence of these words does not mean that a statement is not forward-looking.

The forward-looking statements are based on the current expectations of the management of PCT and are inherently subject to uncertainties and changes in circumstances and their potential effects and speak only as of this Presentation. There can be no assurance that future developments will be those that have been anticipated. These forwardlooking statements involve a number of risks, uncertainties or other assumptions that may cause actual results or performance to be materially different from those expressed or implied by these forward-looking statements. These risks and uncertainties include, but are not limited to, those factors described in the section of the Company's Quarterly Report on Form 10-Q (the "Form 10-Q") entitled "Risk Factors," those discussed and identified in public filings made with the SEC by PCT, and the following: PCT's ability to meet, and to continue to meet, applicable regulatory requirements for the use of PCT's ultra-pure recycled polypropylene ("UPRP") in food grade applications (both in the United States and abroad); PCT's ability to comply on an ongoing basis with the numerous regulatory requirements applicable to the UPRP and PCT's facilities (both in the United States and abroad); Expectations and changes regarding PCT's strategies and future financial performance, including its future business plans, expansion plans or objectives, prospective performance and opportunities and competitors, revenues, products and services, pricing, operating expenses, market trends, liquidity, cash flows and uses of cash, capital expenditures, and PCT's ability to invest in growth initiatives; PCT's ability to scale and build the Ironton plant in a timely and cost-effective manner; PCT's ability to build its first cluster facility, located in Augusta, Georgia in a timely and cost-effective manner; PCT's ability to sort and process polypropylene plastic waste at its plastic waste prep ("Feed PreP") facilities; PCT's ability to maintain exclusivity under The Procter & Gamble Company license; the implementation, market acceptance and success of PCT's business model and growth strategy; the success or profitability of PCT's offtake arrangements; the ability to source feedstock with a high polypropylene content; PCT's future capital requirements and sources and uses of cash; PCT's ability to obtain funding for its operations and future growth; developments and projections relating to PCT's competitors and industry; the outcome of any legal or regulatory proceedings to which PCT is, or may become a party, including recently filed securities class action case; the ability to recognize the anticipated benefits of the Business Combination (as defined in the Form 10-Q); unexpected costs related to the Business Combination; geopolitical risk and changes in applicable laws or regulations; the possibility that PCT may be adversely affected by other economic, business, and/or competitive factors; operational risk; and the risk that the COVID-19 pandemic, including any variants and the efficacy and distribution of vaccines, and local, state, federal and international responses to addressing the pandemic may have an adverse effect on PCT's business operations, as well as PCT's financial condition and results of operations. PCT specifically disclaims any obligation to update this Presentation. These forward-looking statements should not be relied upon as representing PCT's assessments as of any date subsequent to the date of this Presentation. Accordingly, undue reliance should not be placed upon the forward-looking statements.

Q3 Company Update



OPERATIONS

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Ironton progressing according to schedule; Purification operational in Q4 2022; Feed PreP operational in Q2 2022

- Additional Ironton investment approved (de-risking & processing expansion); increases total project cost
- 150M pounds Feed PreP processing capacity in Central Florida expected to come online in Q3 2022

FEEDSTOCK



Identified 1.6-billion-pound feedstock supply pipeline

- Signed 6 new LOIs that account for 168M pounds of feedstock
- Developed PureZeroTM feedstock program for large venue events; first major partner is the Cleveland Browns

COMMERCIAL



Active customer discussions representing 277M pounds across existing and new market segments using Feedstock+ Pricing Model

- Successfully launched first commercial product with EC30, a P&G brand
- Submitted FDA Letter of No Objection on September 10

FINANCE



- Ended Q3 2021 with \$494M in total cash and investments
- \$45M spent progressing Ironton, Augusta, and Feed PreP facility in Central Florida (Winter Garden)
- Advanced key long lead purchases expected in Q3 2021 for Augusta facility

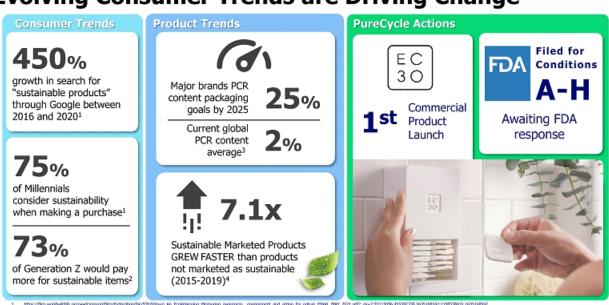
PURECYCLE

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We Remain Focused on Expanding our Footprint



Evolving Consumer Trends are Driving Change



1. SED_AMS_ANDERSON_CONTROLLES_CO

 https://www.ptonline.com/blog/post/leading-the-charge-brand-owners-moving-to-boost-recycled-content-in-packages-produhttps://biviumpackaging.com/sustainability/20218-ying/brownReport.pdf

PURECYCLE

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Global Expansion Update

Ironton

- On schedule for Q4 2022 startup; Module equipment deliveries expected in Q2 2022
- Delays noted in Leidos' September '21 report are non-critical path activities; includes rail works and final building modifications
- Approximately 33% of the cost overruns represent an escalation in base material pricing and 67% represents an investment to process a higher percentage of feed contaminants, as well as process safety design improvements
- Executing against staffing plan to train Ironton operators on Commercial Plant; ~15
 operators and staff hired over last six months. PSM and training development on track

Augusta

- Initial OSBL & ISBL engineering is complete; ongoing discussions with key long lead equipment suppliers to preserve schedule
- · Finalizing EPC contracts and site work expected to begin in Q1 2022



North America

- Site selection narrowed; top five locations across three countries identified
- · Progressing EU feedstock market analysis; actively pursuing sourcing opportunities
- · Current partners and regulatory environment continues to support European production

Asia

- SK Geo Centric Active technical, operational, and commercial discussions underway
- · Mitsui Active technical, operational, and commercial discussions underway
- Other Continuing to progress discussions with additional JV partners in key markets







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PURECYCLE

Augusta Project Details





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Purification Lines (1&2 on Map)

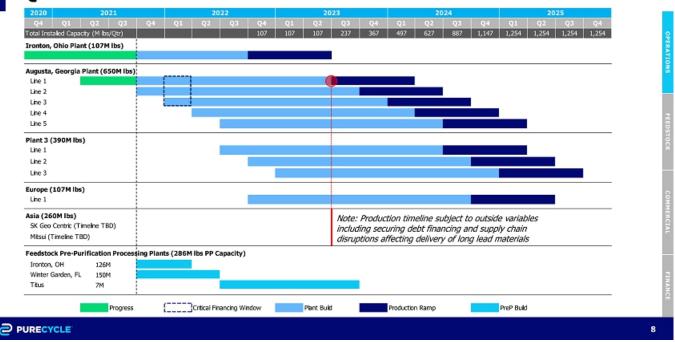
- Base design accommodates up to 8 purification lines, currently planned for 5
- Developing construction and operational plans for staggered startup

Project Financing Update

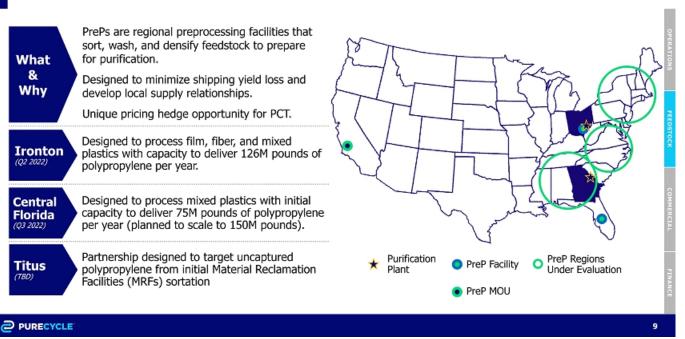
- Maintaining Augusta schedule depends on securing financing
- Expecting 3 debt draws to build the 5 purification lines

FINAN

Q3 The Path to 1 Billion Pounds of Production in 2025



Our PreP Strategy



Building a Sustainable Feedstock Advantage



1.6B Pounds of Feedstock Identified; 168M New LOIs

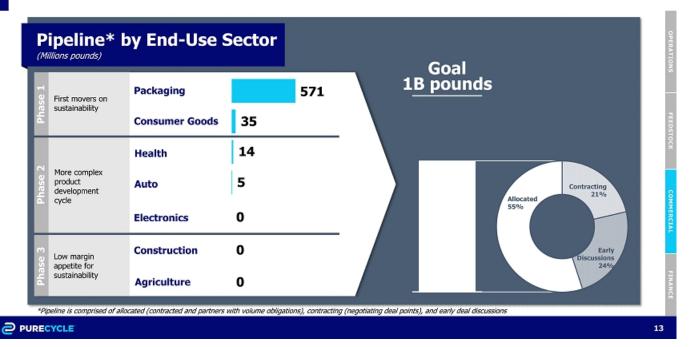


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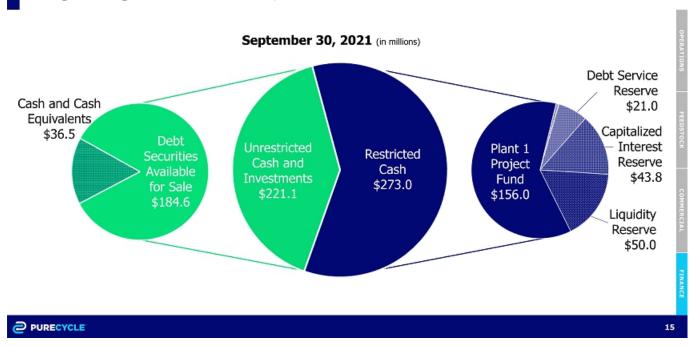


Sustainability Goals Driving PCT Sales Pipeline





Liquidity Position of \$494M



Q3 Liquidity and Changes from Prior Quarter

(IN MILLIONS)	June 30, 2021	Sept. 30, 2021	change	Summary of
Cash and Cash Equivalents	\$37.7	\$36.5	\$(1.2)	Liquidity Changes
Debt Securities Available for Sale	200.4	184.6	(15.8)	Elquidity Changes
Total Unrestricted	\$238.1	\$221.1	\$(17.0)	• \$494.1M Available
Restricted Cash				Operating and SGA
Plant 1 project fund (Ironton, OH)	\$183.9	\$156.0	\$(27.9)	Expenses – \$9.3M in
etter of Credit for Ironton, OH utilities	2.1	2.1	-	General &
General corporate requirements	0.1	0.1	-	Administrative expenses
Reserve Requirements per Revenue Bo	onds			Feed Prep and Future
General Liquidity Reserve	50.0	50.0	-	Capacity - \$7.7M
Capitalized Interest Reserve (Interest layments through 12/1/2023)	43.8	43.8	-	Ironton Project Fund –
Debt Service Reserve (portion of future principal payments)	21.0	21.0	-	\$27.9M draw for construction
Total Restricted	\$300.9	\$273.0	\$(27.9)	progress payments
	\$539.0	\$494.1	\$(44.9)	

Key Takeaways for Today

- **Ironton** remains **on-track** for Q4 2022 operation
- Invested in purification capability improvements in Ironton
- 1.6 billion pounds of feedstock identified; 168M in new LOIs signed
- Developing 150M pounds of Feedstock PreP capacity in Orlando

- Strong pipeline with 277M pounds in active discussion
- FDA Letter of No Objection "LNO" submission complete
- First PureCycled product launched with EC30, a P&G brand
- Launched new PureZero program to drive circularity

One Goal, A Pure Planet.

