

2(c-e)  
5-12-12

**Jack:**

Good Morning,

My name is Jack Mackey and I am a 7th grader at George Washington Middle School. I am here with my classmates Tori Cook, Sarah Castle, and Sydney Collins. The George Washington Middle School students care about the Winkler Botanical Preserve. We have a petition signed by 416 students from our school agreeing to the following: "Importance: George Washington Middle School students found high levels of nitrogen and phosphorus at the Winkler Botanical Preserve in October of 2011. The preserve is used as an educational facility for Alexandria City students. Winkler is a place where children of an urban community can experience nature in its true form. Many students at the middle school have fond memories of being at the preserve and would like to ensure that future Alexandria students have the opportunity to learn from this living laboratory." Students who signed the petition agreed to us establishing a long-term monitoring program at Winkler. We are here to ensure the present and future health of the Winkler preserve.

**Sydney:**

Since finding high levels of nitrogen and phosphorus at the preserve, students at our school have been investigating what could have caused these levels to be so high. The high levels of nitrogen and phosphorus cannot be ignored for if they are, there could be negative effects on the Winkler Preserve. An example of nitrogen and phosphorus harming the environment is the current condition of the Chesapeake Bay. The high levels of contaminants in the Bay have caused and are causing dead zones and algae blooms. This is endangering much aquatic life.

**Tori:**

The Winkler Botanical Preserve is an integral part of our community. The Preserve is an excellent place for educational programs, and Alexandria City students learn a lot from these camps and field trips. My classmates and I have done water testing at Winkler, and found surprisingly high levels of nitrogen and phosphorus. We are currently partnered with Jodie Smolik, the director

of the Winkler Preserve, to implement a long term monitoring program with money we received from a grant. We think that by continuing to investigate these levels, we will be able to find the source of this contamination. We don't want any storm water runoff from new impervious surfaces or future impervious surfaces to harm the Winkler Preserve. Alexandria needs to ensure the health of Winkler for generations to come. Here are our 416 signatures to prevent stormwater runoff from polluting Winkler.

Thank you for your time.

**Jack:**

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2(c-e)  
5-12-12

# Alexandria City Council Student Petition

**To:** Alexandria City Council

**Purpose:** We would like Alexandria City to ensure the future health and preservation of the Winkler Botanical Preserve by not allowing storm water to negatively impact the preserve.

**Importance:** George Washington Middle School students found high levels of nitrogen and phosphorus at the Winkler Preserve in October of 2011. The preserve is used as an educational facility for Alexandria City students. Winkler is a place where children of an urban community can experience nature in its true form. Many students at the middle school have fond memories of being at the preserve and would like to ensure that future Alexandria students have the opportunity to learn from this living laboratory.

I Support the Above Statement:

Printed Name	Signature	Date
Samantha Judd	Samantha Judd	May 9th, 12
Tori Cook	Tori Cook	5/9/12
<del>Christina...</del>	<del>Christina...</del>	<del>5/9/12</del>
<b>Amanda Eisenbar</b>	<b>Amanda Eisenbar</b>	<b>5/9/12</b>
Christina Wagner	Christina Wagner	5/9/12
<del>Christina Wagner</del>	<del>Christina Wagner</del>	<del>5/9/12</del>
<del>Christina Wagner</del>	<del>Christina Wagner</del>	<del>5/9/12</del>
Rachelle Heaton	Rachelle Heaton	5/9/2012
Jessica...	Jessica...	5/9/12
Sam Schneider	Sam Schneider	5/9/12
Ben Patterson	Ben Patterson	5/9/12
Florencia...	Florencia...	5/9/12
Chloe Coffey	Chloe Coffey	5/9/12
Ginnie Murphy	Ginnie Murphy	5/9/12
Jared Goldstein	Jared Goldstein	5/9/12
PAGE M...	PAGE M...	5/9/12

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# Alexandria City Council Student Petition

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I Support the Above Statement:

Printed Name	Signature	Date
Grace Hogan	Grace Hogan	5/11/12
Madeline Gyllenhoff	Madeline Gyllenhoff	5/11/12
Maria Smurr	Maria Smurr	5-11-12
Zile Bemis	Zile Bemis	5/11/12
Alex Lamorie	Alex Lamorie	5/11/12
Victoria Patacci	Victoria Patacci	5/11/12
Megan Lunini	Megan Lunini	5-11-12
Dahlia Bow	Dahlia Bow	5-11-12
Anna Palucha	Anna Palucha	5/11/12
Kathleen Ucles	Kathleen Ucles	5/11/12
SARA LOPEZ	Sara Lopez Garcia	5-11-12
Maryuri Avila	Maryuri Avila	5-11-12
Christopher Still	Christopher Still	5/11/12
Nicholas A. Walters	Nicholas A. Walters	5/11/12





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I Support the Above Statement:

Printed Name	Signature	Date
Niya Lacks	Niya Lacks	5/11/12
Clinton Leech	Clinton Leech	5/11/12
Rafid Hussain	Rafid Hussain	5/11/12
Miranda Elpers	Miranda Elpers	5/11/12
Hector Lara	Hector Lara	5/11/12
John Colucci	John Colucci	5/11/12
Milo Devereaux	Milo Devereaux	5/11/12
Jonathan Soia	Jonathan Soia	5/11/12
Grace Vannatta	Grace Vannatta	5/11/12
Tarraig Wilson	<del>Tarraig Wilson</del>	5/11/12
Emma Yowell	Emma Yowell	5-11-12
Elmer Diaz	Elmer Diaz	
LAURA PETER	Laura Peter	5-11-12
Briana Little	Briana Little	5/11/12
Frankie Harris	Frankie Harris	5/11/12

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I Support the Above Statement:

Printed Name	Signature	Date
Maddie White	M. White	5-9-12
Miya Kargbo	Miya K.	5-9-12
Corey Lewis	Corey Lewis	5-9-12
Liam Bowman	Liam Bowman	5-9-12
Edwin Hernandez	Edwin H.	5-9-12
Jashynn Talbert	Jashynn Talbert	5-9-12
James Garcia	James Garcia	5-9-12
Kaitlyn Lancto	Kaitlyn Lancto	5-9-12
Yorde Alemu	Yorde Alemu	5-9-12
Marialbertia	Marialbertia	5-9-12
Jalen J.B. Byrd	Jalen Byrd	5-9-12
Ben Ehrman	Ben Ehrman	5/9/12
Adiya Koram	Adiya Koram	6/9/12
Callum Taffe	Callum Taffe	5/9/12
Moragan Boggan	Moragan B.	5/9/12
Charlotte Alberts	Charlotte Alberts	5/9/12
Maya Harr	Maya Harr	5/9/12



Printed Name	Signature	Date
TATIANA K GOLD		May 9 <sup>th</sup> 12
Chadi Abdalla		May 9
Chase Larsen		May 9, 12
CARLOS NUNEZ		May 9, 12
Gabe Barbieri		May 9, 2012
Celeste Claudio		May 9, 2012
Jaime A Cardona		May 7, 2012
<b>Emma Carraway</b>		<b>5/9/12</b>
Natasha Magallon		5-9-12
Brooke Teferra		5/9/12
Hana El-Baba		5/9/12
Taj Ranna		5/9/12
Andrew Bolton		
Lora Sanchez		5/9/2012
Liam Cousins		5/9/12
Zach Siegel		5/9/12
Fan Chen		5/9/12
Letu Kassa		5/9/12
Simone Haskins		5/9/12
Gunnor Parks		5/9/12
Jake Eppersen		
Dan Jennings		
Andrew Jones		5/9/12
Claire Bilodeau		5/9/12
Lea Williams		5/9/12
Tommy Dixon		5/9/12
Damaris Sanders		5/9/12
Johnell Chappell		5/9/12
Dawan Artis		5/9/12
Enrique Johnson		5/9/12
Brittany Taylor		5/9/12
Asia Ashe		5/9/12



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I Support the Above Statement:

Printed Name	Signature	Date
Ricardo Lopez	Ricardo Lopez	5-11-12
Michael Rank	Michael Rank	
Lizmar Izcaray	Lizmar Izcaray	5-11-12
Hader Mohamed	Hader Mohamed	5-11-12
Diana Romero	<del>Diana Romero</del>	5-11-12
Blay Larios	Blay Larios	5-11-12
Jose Ramirez	Jose Ramirez	5-11-12
David Rosales	<del>David Rosales</del>	5-11-12
Dakson Flores	<del>Dakson Flores</del>	5-11-12
Gabriela Cordova	Gabriela C	5-11-12
Araham Tracy	Araham Tracy	5/11/12
David Bostetter	David B	5-11-12
Preston Tracy	Preston T	5-11-12
Olivia Bisbee	Olivia Bisbee	5-11-12
Lily Oshima	Lily Oshima	5-11-12



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I Support the Above Statement:

Printed Name	Signature	Date
Erick Romero	Erick Romero	5/11/12
Antonio Davis	Antonio Davis	5/11/12
Tyler Breeding	Tyler Breeding	5/11/12
NIL B...	Nick B...	5/11/12
Isaiah D...	Isaiah D...	5/11/12
Daniel Chase	Daniel Chase	5/11/12
Tamya Stephens	Tamya Stephens	5/11/12
Alexandra LOPEZ	Alexandra Lopez	5/11/12
Isabella Fogg	Isabella Fogg	5/11/12
Brittany Boggan	Brittany Boggan	5/11/12
Jackie Fuent	Jackie Fuent	5/11/12
Alyona Brooker	Alyona Brooker	5/11/12
Ben Hicks	Ben Hicks	5/11/12
Kayana Roberts	Kayana Roberts	5/11/2012
Matias Hendi	Matias H...	5/11/2012
Riley Larson	Riley Larson	5/11/12
Patricia Miller	Patricia Miller	5/11/12



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I Support the Above Statement:

Printed Name	Signature	Date
Alex Milliken	A. Milliken	5-11-12
Hannah Bates	Hannah Bates	5-11-12
Abbey Nelson	Abbey Nelson	5-11-12
Hannah Poirson	Hannah Poirson	5-11-12
Felipe VBS	Felipe	5-11-12
Kathleen Lovain	Kathleen Lovain	5-11-12
Will Newhouse	Will Newhouse	5-11-12
Leroy Jones	<del>Will</del> Leroy Jones	5-11-12
Sam Taylor	Sam Taylor	5-11-12
Jona Davies	Jona Davies	5-11-12
Olivia Dovereux	Olivia Dovereux	5-11-12
Allie Church	Allie Church	5-11-12









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I Support the Above Statement:

Printed Name	Signature	Date
Estefany Ramos	Estefany Ramos	5-11-12
Daylin Orellana	Daylin Orellana	5/11/12
Asmat Teclé	Asmat Teclé	5/11/12
Jose Lopez	Jose Lopez	5/11/12
Narsing Chakraborty	Narsing Chakraborty	5/11/12
Christina Lopez	Christina Lopez	5/11/12
Mattie Rich	Mattie Rich	5/11/12
Taylor Baykin	Taylor Baykin	5/11/12
Rachelle Keaton	Rachelle Keaton	5/11/12
Shawn Phansand	Shawn Phansand	5/11/12
Emily Sithibandith	Emily Sithibandith	5-11-12
Elizabeth Rode	Elizabeth Rode	5-11-12
Taniya Molina	Taniya Molina	5-11-12
Emily De-Bodere	Emily De-Bodere	5-11-12
JENNIFER AMEL	Jennifer Amel	5-11-12
Gabriela Santiago	Gabriela Santiago	5-11-12
Auraveen Dyson	Auraveen Dyson	5-11-12





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I Support the Above Statement:

Printed Name	Signature	Date
Michelle Reyes	<i>Michelle Reyes</i>	5/11/12
Callie Zane	<i>Callie Zane</i>	5/11/12
Tobias Scott	<i>Tobias Scott</i>	5/11/12
Trey Lovisono	<i>Trey Lovisono</i>	5/11/12
Geoff Datsalovic	<i>Geoff Datsalovic</i>	5/11/12
Geo 15 ii Powell	<i>Geo 15 ii Powell</i>	5/11/12
Noah Taylor	<i>Noah Taylor</i>	5/11/12
Sarah Coleman-Mercer	<i>Sarah Coleman-Mercer</i>	5/11/12
Isabella Loubin	<i>Isabella Loubin</i>	5/11/12
Brianna Zuckerman	<i>Brianna Zuckerman</i>	5/11/12
Shayla Brown	<i>Shayla Brown</i>	5/11/12
Brianna Jennings	<i>Brianna Jennings</i>	5/11/12
Gravell Kouch	<i>Gravell Kouch</i>	5-11-12
Angelica Felder	<i>Angelica Felder</i>	5/11/12
Jessica Roble	<i>Jessica Roble</i>	5/11/12
Elisa Prian	<i>Elisa Prian</i>	5/11/12
Marge Wagner	<i>Marge Wagner</i>	5/11/12



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I Support the Above Statement:

Printed Name	Signature	Date
Sarah Gray Castle	Sarah Gray Castle	May 9, 2012
Emilia Dagradi	Emilia Dagradi	May 9, 2012
Sierra Arnold	Sierra Arnold	May 9, 2012
Isabel Marshall	Isabel Marshall	May 9, 2012
Sadie Frymire	Sadie Frymire	May 9, 2012
Emily Kiernan	Emily Kiernan	May 9, 2012
Anna Woltz	Anna Woltz	May 9, 2012
Will Newhouse	Will Newhouse	May 9, 2012
Katie Smith	Katie Smith	May 9, 2012
Philip Kalish	Philip Kalish	May 9, 2012
Duke A. New	Duke A. New	5/9/12
HANNAH MARTIN	Hannah Martin	5/9/12
Will Milone	Will Milone	5/9/12

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I Support the Above Statement:

Printed Name	Signature	Date
Gillian Stothard	<i>Gillian Stothard</i>	5-9-12
Anne-Marie Berens	<i>Anne Marie Berens</i>	May 9, 2012
Reed Kenny	<i>Reed Kenny</i>	May 9, 2012
Ella Benbow	<i>Ella Benbow</i>	May 9 2012
Ash Atkins	<i>Ash Atkins</i>	may-9-12
Kyle Debra	<i>Kyle Debra</i>	my-9-12
Lenor Fyance	<i>Lenor Fyance</i>	may 9-12
eliza schmidt	<i>eliza schmidt</i>	may 9-12
LIZA HARRIS	<i>Liza Harris</i>	May 9-12
Doreen P.	<i>Doreen P.</i>	5-9-12
Billy Bob Jr	<i>Billy Bob Jr</i>	5-9-12
Roeann Wilson	<i>Roeann Wilson</i>	5-10-12
Laura Wilcox	<i>Laura Wilcox</i>	5-10-12
Layne Berry	<i>Layne Berry</i>	5-10-12
Carina Merko	<i>Carina Merko</i>	5-10-12
Clarke DeWitt	<i>Clarke DeWitt</i>	5-10-12
Anijah Willis	<i>Anijah Willis</i>	5-10-12



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I Support the Above Statement:

Printed Name	Signature	Date
Isabel Lopez	[Signature]	May 9-12
Garrett Keach	[Signature]	May-9-12
FITZ'ANN ALLEN	[Signature]	MAY-9-12
Grant Holmes	[Signature]	5-9-12
Emyna Sapp	[Signature]	May-9-12
Maira Smurr	[Signature]	5-9-12
Nael Hernandez	[Signature]	5-9-12
Tony Alvarez	[Signature]	5-9-12
Thomas Coleman	[Signature]	5-10-12
Yireni Del Valle	[Signature]	5-10-12
NANAYE HOLMES	[Signature]	5-10-12
[Faded Name]	[Faded Signature]	5-10-12
Milo Devereaux	[Signature]	5-10-12
Stacy Benilla	[Signature]	5-10-12
Bertha Granados	[Signature]	5-10-12
[Faded Name]	[Faded Signature]	5-10-12
Kyle Dubiel	[Signature]	5-10-12

